

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

THE C.W. ZUMBIEL CO (Continued)

U004102343

Issued Date: 10/26/1999
Lfd Permit Id: Not reported

Inspection:
Facility Id: 31009853
Code: 103
Permit Number: P00001
Inspection Type: Final

Tanks:
Tank ID: T00001
Tank Status: Change In Service
Tank Type: Double Walled (Interstice)
Capacity: 2000
Content: Other Petroleum Distillate
CAS #: Not reported
Regulated: No
Overfill Device Installed: Yes
Spill Device Installed: Yes
Installation Date: 8/20/1998
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging;Interstitial Monitoring Double Walled
Corrosion Protection Piping: None Required
Piping Material: Double Walled
Piping Type: Pressure
Release Detection on Piping: Interstitial Monitoring Double Walled

E15
ESE
1/4-1/2
0.392 mi.
2068 ft.
FORMER ED & FRANK MOTORS
2795 ROBERTSON RD
CINCINNATI, OH 45209
Site 1 of 2 in cluster E

OH LUST **U004090765**
N/A

Relative: LUST:
Lower Release Number: 31010036-N00001
Release Date: 07/19/1990
Actual: **Facility Status: Active**
607 ft. LTF Status: 6 Closure of regulated UST
FR Status: RPT: a possible incident is reported
Priority: 2
Review Date: 03/31/2011
Class: Responsible Party for release has not yet been determined

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

16
North
1/4-1/2
0.396 mi.
2089 ft.

J.H. DAY COMPANY
4932 BEECH ST
CINCINNATI, OH 45212

OH LUST
OH ARCHIVE UST

U004093619
N/A

Relative:
Lower

LUST:

Release Number: 31002561-N00001
Release Date: 11/04/1992
Facility Status: Active
LTF Status: 6 Closure of regulated UST
FR Status: NCR: No closure report received letter sent
Priority: 2
Review Date: 03/31/2011
Class: Responsible Party for release has not yet been determined

Actual:
620 ft.

ARCHIVE UST:

Facility Number: 31002561

Permit:

Facility Id: 31002561
Permit Id: P00001
Permit Status: Expired
Issued Date: 1/13/1994
Lfd Permit Id: Not reported

Inspection:

Facility Id: 31002561
Code: 103
Permit Number: P00001
Inspection Type: Final

Tanks:

Tank ID: T00001
Tank Status: Removed
Tank Type: Steel
Capacity: 550
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
Installation Date: Not reported
Date Removed: 11/4/1992
Date Last Used: 1/1/1973
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Bare Steel
Piping Type: Not reported
Release Detection on Piping: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

E17
ESE
1/4-1/2
0.405 mi.
2137 ft.

OAKLEY COMMERCE CENTER
2950 ROBERTSON RD
CINCINNATI, OH 45209

Site 2 of 2 in cluster E

OH UNREG LTANKS **S105904829**
N/A

Relative:
Lower

UNREG LTANKS:

Facility Status: **A possible incident is reported**

Actual:
606 ft.

Facility Id: 312065
Facility Track: 0
Report Number: 3121044
RP Status: Not reported
Inspector: Not reported
Revised Date: 08/09/94
Class: D
Vacant: Not reported
Emrgncy Resp: 2
Authorized By: GILL
Added Date: 04/30/92
Owner Name: Not reported
Owner Address: Not reported
Owner City,St,Zip: OH
Owner Phone: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator C,S,Z: OH
Operator Phone: Not reported
Remarks: Not reported
Summary: Not reported

Facility County #: 061
Facility Phone: Not reported
Incident Number: 312104400
RP Search Date: Not reported
Coordinator: COCL
Fiscal Tracking: FY92
Priority: 2
Lust Trust Fund: 2
ER By: Not reported
Authorized Date: 08/05/94
Entry By: UNGER

18
West
1/4-1/2
0.447 mi.
2362 ft.

SALVATION ARMY
2250 PARK AVE
NORWOOD, OH 45212

OH LUST **U004100443**
OH ARCHIVE UST **N/A**

Relative:
Higher

LUST:

Release Number: 31003455-N00001
Release Date: 01/14/1994
Facility Status: **Inactive**
LTF Status: 1 SUS/CON from regulated UST
FR Status: **NFA: No Further Action**
Priority: 2
Review Date: 11/24/2004
Class: Viable Responsible Party has been identified

ARCHIVE UST:

Facility Number: 31003455

Permit:

Facility Id: 31003455
Permit Id: P00001
Permit Status: Expired
Issued Date: 8/4/1993
Lfd Permit Id: Not reported

Facility Id: 31003455
Permit Id: P00002
Permit Status: Expired
Issued Date: 2/17/1994

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SALVATION ARMY (Continued)

U004100443

Lfd Permit Id: Not reported

Inspection:

Facility Id: 31003455
Code: 103
Permit Number: P00001
Inspection Type: Final

Facility Id: 31003455
Code: 402
Permit Number: P00001
Inspection Type: Final

Facility Id: 31003455
Code: 501
Permit Number: P00002
Inspection Type: Final

Tanks:

Tank ID: T00001
Tank Status: Removed
Tank Type: Composite (Steel with Fiberglass);Other
Capacity: 6000
Content: Diesel
CAS #: 68334-30-5
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Installation Date: Not reported
Date Removed: 6/22/1998
Date Last Used: 6/22/1998
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Unknown
Piping Type: Not reported
Release Detection on Piping: Not reported

19
South
1/4-1/2
0.457 mi.
2413 ft.

SPEEDWAY #9582
2713 WILLIAMS AVE
CINCINNATI, OH 45209

OH LUST **U000892516**
OH UST **N/A**
OH ARCHIVE UST

Relative:
Higher

LUST:

Actual:
626 ft.

Release Number: 31001765-N00001
Release Date: Not reported
Facility Status: Inactive
LTF Status: 1 SUS/CON from regulated UST
FR Status: NFA: No Further Action
Priority: 2
Review Date: 06/20/2000
Class: Viable Responsible Party has been identified

Release Number: 31001765-N00002

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #9582 (Continued)

U000892516

Release Date: 10/22/2003
Facility Status: Inactive
LTF Status: 1 SUS/CON from regulated UST
FR Status: DIS: a release is disproved
Priority: 2
Review Date: 11/07/2003
Class: Viable Responsible Party has been identified

UST:

Facility Id: 31001765
Facility Type: Gas Station
Owner Name: SPEEDWAY LLC
Owner Address: PO BOX 1500
Owner City/State/Zip: 45501

Tank Number: T00001
Status: CIU - Currently In Use
UST Capacity: 12000
Tank Content: Gasoline
Installation Date: 01/01/1989
Construction: FRP-Fiberglass Reinforced Plastic

Tank Number: T00002
Status: CIU - Currently In Use
UST Capacity: 10000
Tank Content: Gasoline
Installation Date: 01/01/1989
Construction: FRP-Fiberglass Reinforced Plastic

Tank Number: T00003
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Gasoline
Installation Date: 01/01/1989
Construction: FRP-Fiberglass Reinforced Plastic

Tank Number: T00004
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Gasoline
Installation Date: 01/01/1989
Construction: FRP-Fiberglass Reinforced Plastic

Tank Number: T00005
Status: CIU - Currently In Use
UST Capacity: 4000
Tank Content: Diesel
Installation Date: 01/01/1989
Construction: FRP-Fiberglass Reinforced Plastic

ARCHIVE UST:

Facility Number: 31001765

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #9582 (Continued)

U000892516

Permit:

Facility Id: 31001765
Permit Id: P00001
Permit Status: Expired
Issued Date: 6/3/1994
Lfd Permit Id: Not reported

Facility Id: 31001765
Permit Id: P00002
Permit Status: Closed
Issued Date: 10/5/2005
Lfd Permit Id: Not reported

Facility Id: 31001765
Permit Id: P00003
Permit Status: Active
Issued Date: 8/16/2010
Lfd Permit Id: Not reported

Inspection:

Facility Id: 31001765
Code: 502
Permit Number: P00003
Inspection Type: Final

Facility Id: 31001765
Code: 302
Permit Number: P00001
Inspection Type: Final

Facility Id: 31001765
Code: 504
Permit Number: P00002
Inspection Type: Final

Tanks:

Tank ID: T00001
Tank Status: Currently In Use
Tank Type: Fiberglass Reinforced Plastic
Capacity: 12000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Installation Date: 1/1/1989
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure
Release Detection on Piping: Electronic Line Leak Detector

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #9582 (Continued)

U000892516

Tank ID: T00002
Tank Status: **Currently In Use**
Tank Type: SW - FRP - Fiberglass
Capacity: 10000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Installation Date: 1/1/1989
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: NR - None Required by Rule
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: NR - None Required
Piping Material: SW FFTP - Flex Pipe
Piping Type: Pressure
Release Detection on Piping: Electronic Line Leak Detector

Tank ID: T00003
Tank Status: **Currently In Use**
Tank Type: SW - FRP - Fiberglass
Capacity: 8000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Installation Date: 1/1/1989
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: NR - None Required by Rule
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: NR - None Required
Piping Material: SW FRP - Fiberglass
Piping Type: Pressure
Release Detection on Piping: Electronic Line Leak Detector

Tank ID: T00004
Tank Status: **Currently In Use**
Tank Type: Fiberglass Reinforced Plastic
Capacity: 8000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Installation Date: 1/1/1989
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: Fiberglass Reinforced Plastic

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SPEEDWAY #9582 (Continued)

U000892516

Piping Type: Pressure
Release Detection on Piping: Electronic Line Leak Detector

Tank ID: T00005
Tank Status: Currently In Use
Tank Type: Fiberglass Reinforced Plastic
Capacity: 4000
Content: Diesel
CAS #: 68334-30-5
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Installation Date: 1/1/1989
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Suction: valve at dispenser
Release Detection on Piping: No Monitoring Suction/Gravity System

20
South
1/4-1/2
0.460 mi.
2430 ft.

BP OIL CO. #08942
4004 EDWARDS RD
CINCINNATI, OH 45209

OH LUST
OH ARCHIVE UST

U004085909
N/A

Relative:
Higher

LUST:

Actual:
626 ft.

Release Number: 31001458-N00001
Release Date: Not reported
Facility Status: Inactive
LTF Status: 1 SUS/CON from regulated UST
FR Status: DIS: a release is disproved
Priority: 2
Review Date: 06/20/2000
Class: Responsible Party for release has not yet been determined

Release Number: 31001458-N00002
Release Date: Not reported
Facility Status: Inactive
LTF Status: 1 SUS/CON from regulated UST
FR Status: NFA: No Further Action
Priority: 2
Review Date: 06/20/2000
Class: Viable Responsible Party has been identified

ARCHIVE UST:

Facility Number: 31001458

Inspection:

Facility Id: 31001458
Code: 601
Permit Number: P00004
Inspection Type: Final

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP OIL CO. #08942 (Continued)

U004085909

Facility Id: 31001458
Code: 103
Permit Number: P00004
Inspection Type: Final

Tanks:

Tank ID: T00001
Tank Status: **Removed**
Tank Type: Other
Capacity: 8000
Content: Unknown
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
Installation Date: Not reported
Date Removed: 4/21/1993
Date Last Used: 4/21/1993
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Unknown
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00002
Tank Status: **Removed**
Tank Type: Other
Capacity: 8000
Content: Unknown
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
Installation Date: Not reported
Date Removed: 4/21/1993
Date Last Used: 4/21/1993
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Unknown
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00003
Tank Status: **Removed**
Tank Type: Other
Capacity: 6000
Content: Unknown
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
Installation Date: Not reported
Date Removed: 4/21/1993

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

BP OIL CO. #08942 (Continued)

U004085909

Date Last Used: 4/21/1993
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Unknown
Piping Type: Not reported
Release Detection on Piping: Not reported

Tank ID: T00004
Tank Status: Removed
Tank Type: Other
Capacity: 1000
Content: Unknown
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: No
Spill Device Installed: No
Installation Date: Not reported
Date Removed: 4/21/1993
Date Last Used: 4/21/1993
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: Not reported
Release Detection on Tank: Not reported
Corrosion Protection Piping: Not reported
Piping Material: Unknown
Piping Type: Not reported
Release Detection on Piping: Not reported

21
SSW
1/4-1/2
0.488 mi.
2578 ft.

SHELL OIL CO. #23461780241
2564 WILLIAMS RD
NORWOOD, OH 45212

OH LUST
OH UST
OH ARCHIVE UST

U003130271
N/A

Relative:
Lower

LUST:

Release Number: 31001186-N00001
Release Date: 01/03/1990
Facility Status: Inactive
LTF Status: 6 Closure of regulated UST
FR Status: NFA: No Further Action
Priority: 3
Review Date: 05/22/2003
Class: Viable Responsible Party has been identified

Release Number: 31001186-N00002
Release Date: 09/02/2005
Facility Status: Inactive
LTF Status: 1 SUS/CON from regulated UST
FR Status: NFA: No Further Action
Priority: 2
Review Date: 05/11/2011
Class: Viable Responsible Party has been identified

UST:

Facility Id: 31001186

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO. #23461780241 (Continued)

U003130271

Facility Type: Gas Station
Owner Name: GILLIGAN OIL CO.
Owner Address: 4030 Smith Road Suite 450
Owner City/State/Zip: 45209

Tank Number: T00001
Status: CIU - Currently In Use
UST Capacity: 10000
Tank Content: Gasoline
Installation Date: 12/01/1972
Construction: FRP-Fiberglass Reinforced Plastic

Tank Number: T00002
Status: CIU - Currently In Use
UST Capacity: 10000
Tank Content: Gasoline
Installation Date: 12/01/1972
Construction: FRP-Fiberglass Reinforced Plastic

Tank Number: T00003
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Gasoline
Installation Date: 12/01/1972
Construction: FRP-Fiberglass Reinforced Plastic

ARCHIVE UST:

Facility Number: 31001186

Permit:

Facility Id: 31001186
Permit Id: P00001
Permit Status: Expired
Issued Date: 1/29/1998
Lfd Permit Id: Not reported

Facility Id: 31001186
Permit Id: P00002
Permit Status: Expired
Issued Date: 1/29/2001
Lfd Permit Id: Not reported

Facility Id: 31001186
Permit Id: P00003
Permit Status: Closed
Issued Date: 1/29/2001
Lfd Permit Id: Not reported

Facility Id: 31001186
Permit Id: P00004
Permit Status: Closed
Issued Date: 1/12/2006
Lfd Permit Id: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO. #23461780241 (Continued)

U003130271

Inspection:

Facility Id: 31001186
Code: 504
Permit Number: P00001
Inspection Type: Final

Facility Id: 31001186
Code: 502
Permit Number: P00004
Inspection Type: Final

Facility Id: 31001186
Code: 504
Permit Number: P00003
Inspection Type: Final

Tanks:

Tank ID: T00001
Tank Status: **Currently In Use**
Tank Type: Fiberglass Reinforced Plastic
Capacity: 10000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Installation Date: 12/1/1972
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure
Release Detection on Piping: Electronic Line Leak Detector

Tank ID: T00002
Tank Status: **Currently In Use**
Tank Type: Fiberglass Reinforced Plastic
Capacity: 10000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Installation Date: 12/1/1972
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure
Release Detection on Piping: Electronic Line Leak Detector

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SHELL OIL CO. #23461780241 (Continued)

U003130271

Tank ID: T00003
Tank Status: Currently In Use
Tank Type: Fiberglass Reinforced Plastic
Capacity: 8000
Content: Gasoline
CAS #: 8006-61-9
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Installation Date: 12/1/1972
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: None Required
Release Detection on Tank: Automatic Tank Gauging
Corrosion Protection Piping: None Required
Piping Material: Fiberglass Reinforced Plastic
Piping Type: Pressure
Release Detection on Piping: Electronic Line Leak Detector

22
North
1/4-1/2
0.499 mi.
2633 ft.

KING RECYCLING
5038 BEECH STREET
NORWOOD, OH 45212

OH SWRCY S111003405
N/A

Relative:
Higher

SWRCY:
Facility Type: Scrap Yard
Owner Type: Privately Owned
Contact Name: Not reported
Contact Phone: (513) 731-7222
Materials Accepted: Not reported

Actual:
626 ft.

F23
WNW
1/2-1
0.643 mi.
3397 ft.

GMC ASSEMBLY DIV NORWOOD PLT
4726 SMITH RD
HAMILTON, OH 45212

OH DERR S104267023
OH SPILLS N/A

Site 1 of 2 in cluster F

Relative:
Higher

DERR:
DERR ID: 531001689
District: SWDO
Alias: Not reported
Lat/Long: 39.3519 -84.4626
EPA ID: OHD004260089
Program: Site Assessment

Actual:
627 ft.

SPILLS:

Spill No.: 8507-31-2656
Spill Year: 1985
Date Spill Reported: 07/25/1985
Spill Month: 7
Spill Number: 2656
Reporter Name: COMPANY
Confidential: No

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC ASSEMBLY DIV NORWOOD PLT (Continued)

S104267023

District Code: SE
Employee Number: Not reported
Lat/Long: Not reported
Product Spilled Name: SOLVENT

Spill No.: 8801-31-0161
Spill Year: 1988
Date Spill Reported: 01/19/1988
Spill Month: 1
Spill Number: 0161
Reporter Name: COMPANY
Confidential: No
District Code: SW
Employee Number: Not reported
Lat/Long: Not reported
Product Spilled Name: GASOLINE
Product Spilled Name: CONTAMINATED SOIL

F24
WNW
1/2-1
0.645 mi.
3408 ft.

GMC ASSEMBLY DIV. - NORWOOD PLANT
4726 SMITH ROAD
HAMILTON, OH 45212

CERC-NFRAP
CORRACTS
RCRA NonGen / NLR

1015735722
OHD004260089

Site 2 of 2 in cluster F

Relative:
Higher

CERC-NFRAP:
Site ID: 0506650
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

Actual:
627 ft.

Program Priority:
Description: RCRA Deferral Audit

Description: RCRA Deferral - Lead Confirmed

CERCLIS-NFRAP Assessment History:
Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 01/13/92
Priority Level: Deferred to RCRA (Subtitle C)

Action: DISCOVERY
Date Started: / /
Date Completed: 06/14/91
Priority Level: Not reported

Action: ARCHIVE SITE
Date Started: / /
Date Completed: 12/27/95
Priority Level: Not reported

CORRACTS:

EPA ID: OHD004260089
EPA Region: 05
Area Name: ENTIRE FACILITY

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC ASSEMBLY DIV. - NORWOOD PLANT (Continued)

1015735722

Actual Date: 19920331
Action: CA075ME - CA Prioritization, Facility or area was assigned a medium corrective action priority
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD004260089
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 20090501
Action: CA070NO - RFA Determination Of Need For An RFI, RFI is Not Necessary
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD004260089
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 20060701
Action: CA001
NAICS Code(s): 336211
Motor Vehicle Body Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

RCRA NonGen / NLR:

Date form received by agency: 05/03/1999
Facility name: GMC ASSEMBLY DIV NORWOOD PLT
Facility address: 4726 SMITH RD
NORWOOD, OH 45212
EPA ID: OHD004260089
Contact: GERRY KILLEEN
Contact address: 4726 SMITH RD
NORWOOD, OH 45212
Contact country: US
Contact telephone: (513) 841-5102
Contact email: Not reported
EPA Region: 05
Land type: Facility is not located on Indian land. Additional information is not known.
Classification: Non-Generator
Description: Handler: Non-Generators do not presently generate hazardous waste

Owner/Operator Summary:

Owner/operator name: GMC-GM ASSEMBLY DIV - NORWOOD PLANT
Owner/operator address: 4726 SMITH ROAD
NORWOOD, OH 45212
Owner/operator country: Not reported
Owner/operator telephone: (513) 841-5102
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/0001
Owner/Op end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC ASSEMBLY DIV. - NORWOOD PLANT (Continued)

1015735722

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 04/25/1990
Facility name: GMC ASSEMBLY DIV NORWOOD PLT
Site name: GENERAL MOTORS CORP. CPC GROUP
Classification: Large Quantity Generator

Date form received by agency: 11/18/1980
Facility name: GMC ASSEMBLY DIV NORWOOD PLT
Classification: Not a generator, verified

Date form received by agency: 08/18/1980
Facility name: GMC ASSEMBLY DIV NORWOOD PLT
Classification: Large Quantity Generator

Date form received by agency: 01/01/1979
Facility name: GMC ASSEMBLY DIV NORWOOD PLT
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D008
Waste name: LEAD

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC ASSEMBLY DIV. - NORWOOD PLANT (Continued)

1015735722

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F006
Waste name: WASTEWATER TREATMENT SLUDGES FROM ELECTROPLATING OPERATIONS EXCEPT FROM THE FOLLOWING PROCESSES: (1) SULFURIC ACID ANODIZING OF ALUMINUM; (2) TIN PLATING ON CARBON STEEL; (3) ZINC PLATING (SEGREGATED BASIS) ON CARBON STEEL; (4) ALUMINUM OR ZINC-ALUMINUM PLATING ON CARBON STEEL; (5) CLEANING/STRIPPING ASSOCIATED WITH TIN, ZINC AND ALUMINUM PLATING ON CARBON STEEL; AND (6) CHEMICAL ETCHING AND MILLING OF ALUMINUM.

Waste code: F007
Waste name: SPENT CYANIDE PLATING BATH SOLUTIONS FROM ELECTROPLATING OPERATIONS

Waste code: F008
Waste name: PLATING BATH RESIDUES FROM THE BOTTOM OF PLATING BATHS FROM ELECTROPLATING OPERATIONS WHERE CYANIDES ARE USED IN THE PROCESS.

Corrective Action Summary:

Event date: 03/31/1992
Event: CA Prioritization, Facility or area was assigned a medium corrective action priority.

Event date: 07/01/2006
Event: CA001

Event date: 05/01/2009
Event: RFA Determination Of Need For An RFI, RFI is Not Necessary;

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/16/1986
Date achieved compliance: 06/19/1986
Violation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC ASSEMBLY DIV. - NORWOOD PLANT (Continued)

1015735722

Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/20/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 05/31/1985
Date achieved compliance: 08/12/1985
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/31/1985
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:

Evaluation date: 09/15/1988
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 09/13/1988
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/01/1987
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 01/16/1987
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 07/28/1986
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/16/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

GMC ASSEMBLY DIV. - NORWOOD PLANT (Continued)

1015735722

Date achieved compliance: 06/19/1986
Evaluation lead agency: State

Evaluation date: 08/28/1985
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 05/31/1985
Evaluation: FINANCIAL RECORD REVIEW
Area of violation: Generators - General
Date achieved compliance: 08/12/1985
Evaluation lead agency: State

25
NE
1/2-1
0.655 mi.
3460 ft.

**EM IND INC EM SCIENCE DIV
2909 HIGHLAND AVENUE
NORWOOD, OH 45212**

**Relative:
Lower**

**Actual:
609 ft.**

**RCRA-TSDF 1000378184
CERC-NFRAP 45212MSCNC2909H
CORRACTS
RCRA-LQG
US INST CONTROL
TRIS
OH DERR
OH UNREG LTANKS
OH UST
OH ARCHIVE UST
NY MANIFEST
OH SPILLS
OH NPDES
US AIRS
2020 COR ACTION**

RCRA-TSDF:

Date form received by agency: 02/15/2012
Facility name: EMD MILLIPORE CORP
Facility address: 2909 HIGHLAND AVE
CINCINNATI, OH 45212

EPA ID: OHD086438538
Mailing address: 2828 HIGHLAND AVE
CINCINNATI, OH 45212

Contact: ROBERT E HIGHLEY
Contact address: 2828 HIGHLAND AVE
CINCINNATI, OH 45212

Contact country: US
Contact telephone: (513) 587-5186
Contact email: ROB.HIGHLEY@MERCKGROUP.COM
EPA Region: 05
Land type: Private
Classification: TSDF
Description: Handler is engaged in the treatment, storage or disposal of hazardous waste

Classification: Large Quantity Generator
Description: Handler: generates 1,000 kg or more of hazardous waste during any calendar month; or generates more than 1 kg of acutely hazardous waste during any calendar month; or generates more than 100 kg of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month; or generates 1 kg or less of acutely hazardous waste during any calendar month, and accumulates more than 1 kg of acutely hazardous waste at any time; or generates 100 kg or less

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

of any residue or contaminated soil, waste or other debris resulting from the cleanup of a spill, into or on any land or water, of acutely hazardous waste during any calendar month, and accumulates more than 100 kg of that material at any time

Owner/Operator Summary:

Owner/operator name: EMD MILLIPORE CORP.
Owner/operator address: 290 CONCORD ROAD
BILLERICA, MA 01821
Owner/operator country: US
Owner/operator telephone: (800) 645-5476
Legal status: Private
Owner/Operator Type: Operator
Owner/Op start date: 01/01/1976
Owner/Op end date: Not reported

Owner/operator name: EMD MILLIPORE CORP.
Owner/operator address: 290 CONCORD ROAD
BILLERICA, MA 01821
Owner/operator country: US
Owner/operator telephone: (800) 645-5476
Legal status: Private
Owner/Operator Type: Owner
Owner/Op start date: 01/01/1976
Owner/Op end date: Not reported

Handler Activities Summary:

U.S. importer of hazardous waste: No
Mixed waste (haz. and radioactive): No
Recycler of hazardous waste: No
Transporter of hazardous waste: No
Treater, storer or disposer of HW: No
Underground injection activity: No
On-site burner exemption: No
Furnace exemption: No
Used oil fuel burner: No
Used oil processor: No
User oil refiner: No
Used oil fuel marketer to burner: No
Used oil Specification marketer: No
Used oil transfer facility: No
Used oil transporter: No

Historical Generators:

Date form received by agency: 02/25/2010
Facility name: EMD MILLIPORE CORP
Site name: EMD CHEMICALS INC
Classification: Large Quantity Generator

Date form received by agency: 02/25/2009
Facility name: EMD MILLIPORE CORP
Site name: EMD CHEMICALS INC
Classification: Large Quantity Generator

Date form received by agency: 02/25/2008
Facility name: EMD MILLIPORE CORP

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Site name: EMD CHEMICALS INC
Classification: Large Quantity Generator

Date form received by agency: 12/11/2007
Facility name: EMD MILLIPORE CORP
Site name: EMD CHEMICALS INC
Classification: Large Quantity Generator

Date form received by agency: 02/23/2007
Facility name: EMD MILLIPORE CORP
Site name: EMD CHEMICALS INC
Classification: Large Quantity Generator

Date form received by agency: 02/28/2006
Facility name: EMD MILLIPORE CORP
Site name: EMD CHEMICALS INC
Classification: Large Quantity Generator

Date form received by agency: 02/23/2005
Facility name: EMD MILLIPORE CORP
Site name: EMD CHEMICALS INC
Classification: Large Quantity Generator

Date form received by agency: 02/09/2004
Facility name: EMD MILLIPORE CORP
Site name: EMD CHEMICALS INC
Classification: Large Quantity Generator

Date form received by agency: 04/22/2003
Facility name: EMD MILLIPORE CORP
Site name: EMD CHEMICAL
Classification: Large Quantity Generator

Date form received by agency: 10/28/2002
Facility name: EMD MILLIPORE CORP
Site name: EM SCIENCE
Classification: Large Quantity Generator

Date form received by agency: 09/20/2002
Facility name: EMD MILLIPORE CORP
Site name: EMD CHEMICALS INC
Classification: Large Quantity Generator

Date form received by agency: 01/15/2000
Facility name: EMD MILLIPORE CORP
Site name: EM SCIENCE
Classification: Large Quantity Generator

Date form received by agency: 02/03/1998
Facility name: EMD MILLIPORE CORP
Site name: EM SCIENCE
Classification: Large Quantity Generator

Date form received by agency: 01/26/1996
Facility name: EMD MILLIPORE CORP
Site name: EM SCIENCE
Classification: Large Quantity Generator

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Date form received by agency: 02/24/1994
Facility name: EMD MILLIPORE CORP
Site name: EM SCIENCE
Classification: Large Quantity Generator

Date form received by agency: 03/01/1993
Facility name: EMD MILLIPORE CORP
Site name: EMD CHEMICALS INC
Classification: Large Quantity Generator

Date form received by agency: 02/27/1992
Facility name: EMD MILLIPORE CORP
Site name: EM SCIENCE
Classification: Large Quantity Generator

Date form received by agency: 02/26/1990
Facility name: EMD MILLIPORE CORP
Site name: EM SCIENCE
Classification: Large Quantity Generator

Date form received by agency: 11/19/1980
Facility name: EMD MILLIPORE CORP
Site name: EMD CHEMICALS INC
Classification: Not a generator, verified

Date form received by agency: 01/01/1979
Facility name: EMD MILLIPORE CORP
Site name: EMD CHEMICALS INC
Classification: Large Quantity Generator

Hazardous Waste Summary:

Waste code: D001
Waste name: IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.

Waste code: D002
Waste name: A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.

Waste code: D003
Waste name: A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BE WASTE GUNPOWDER.

Waste code: D004

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Waste name: ARSENIC

Waste code: D005

Waste name: BARIUM

Waste code: D006

Waste name: CADMIUM

Waste code: D007

Waste name: CHROMIUM

Waste code: D008

Waste name: LEAD

Waste code: D009

Waste name: MERCURY

Waste code: D011

Waste name: SILVER

Waste code: D022

Waste name: CHLOROFORM

Waste code: D035

Waste name: METHYL ETHYL KETONE

Waste code: D038

Waste name: PYRIDINE

Waste code: F002

Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F003

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: F005

Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.

Waste code: P030
Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED

Waste code: P098
Waste name: POTASSIUM CYANIDE

Waste code: U006
Waste name: ACETYL CHLORIDE (C,R,T)

Waste code: U007
Waste name: ACRYLAMIDE

Waste code: U080
Waste name: METHANE, DICHLORO-

Waste code: U117
Waste name: ETHANE, 1,1'-OXYBIS-(I)

Waste code: U122
Waste name: FORMALDEHYDE

Waste code: U134
Waste name: HYDROFLUORIC ACID (C,T)

Waste code: U138
Waste name: METHANE, IODO-

Waste code: U151
Waste name: MERCURY

Waste code: U154
Waste name: METHANOL (I)

Waste code: U165
Waste name: NAPHTHALENE

Waste code: U180
Waste name: N-NITROSPYRROLIDINE

Waste code: U188
Waste name: PHENOL

Waste code: U225
Waste name: BROMOFORM

Waste code: U404
Waste name: ETHANAMINE, N,N-DIETHYL- (OR) TRIETHYLAMINE

Biennial Reports:

Last Biennial Reporting Year: 2013

Annual Waste Handled:

Waste code: D001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Waste name:	IGNITABLE HAZARDOUS WASTES ARE THOSE WASTES WHICH HAVE A FLASHPOINT OF LESS THAN 140 DEGREES FAHRENHEIT AS DETERMINED BY A PENSKEY-MARTENS CLOSED CUP FLASH POINT TESTER. ANOTHER METHOD OF DETERMINING THE FLASH POINT OF A WASTE IS TO REVIEW THE MATERIAL SAFETY DATA SHEET, WHICH CAN BE OBTAINED FROM THE MANUFACTURER OR DISTRIBUTOR OF THE MATERIAL. LACQUER THINNER IS AN EXAMPLE OF A COMMONLY USED SOLVENT WHICH WOULD BE CONSIDERED AS IGNITABLE HAZARDOUS WASTE.
Amount (Lbs):	357604.6
Waste code:	D002
Waste name:	A WASTE WHICH HAS A PH OF LESS THAN 2 OR GREATER THAN 12.5 IS CONSIDERED TO BE A CORROSIVE HAZARDOUS WASTE. SODIUM HYDROXIDE, A CAUSTIC SOLUTION WITH A HIGH PH, IS OFTEN USED BY INDUSTRIES TO CLEAN OR DEGREASE PARTS. HYDROCHLORIC ACID, A SOLUTION WITH A LOW PH, IS USED BY MANY INDUSTRIES TO CLEAN METAL PARTS PRIOR TO PAINTING. WHEN THESE CAUSTIC OR ACID SOLUTIONS BECOME CONTAMINATED AND MUST BE DISPOSED, THE WASTE WOULD BE A CORROSIVE HAZARDOUS WASTE.
Amount (Lbs):	188665.9
Waste code:	D003
Waste name:	A MATERIAL IS CONSIDERED TO BE A REACTIVE HAZARDOUS WASTE IF IT IS NORMALLY UNSTABLE, REACTS VIOLENTLY WITH WATER, GENERATES TOXIC GASES WHEN EXPOSED TO WATER OR CORROSIVE MATERIALS, OR IF IT IS CAPABLE OF DETONATION OR EXPLOSION WHEN EXPOSED TO HEAT OR A FLAME. ONE EXAMPLE OF SUCH WASTE WOULD BE WASTE GUNPOWDER.
Amount (Lbs):	3869.6
Waste code:	D004
Waste name:	ARSENIC
Amount (Lbs):	3869.6
Waste code:	D005
Waste name:	BARIUM
Amount (Lbs):	3869.6
Waste code:	D006
Waste name:	CADMIUM
Amount (Lbs):	3869.6
Waste code:	D007
Waste name:	CHROMIUM
Amount (Lbs):	3869.6
Waste code:	D008
Waste name:	LEAD
Amount (Lbs):	3869.6
Waste code:	D009
Waste name:	MERCURY
Amount (Lbs):	3869.6
Waste code:	D011
Waste name:	SILVER
Amount (Lbs):	3869.6
Waste code:	D022
Waste name:	CHLOROFORM

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Amount (Lbs): 72782.5

Waste code: D035
Waste name: METHYL ETHYL KETONE
Amount (Lbs): 51678.8

Waste code: D038
Waste name: PYRIDINE
Amount (Lbs): 19000.1

Waste code: F002
Waste name: THE FOLLOWING SPENT HALOGENATED SOLVENTS: TETRACHLOROETHYLENE, METHYLENE CHLORIDE, TRICHLOROETHYLENE, 1,1,1-TRICHLOROETHANE, CHLOROBENZENE, 1,1,2-TRICHLORO-1,2,2-TRIFLUOROETHANE, ORTHO-DICHLOROBENZENE, TRICHLOROFLUOROMETHANE, AND 1,1,2-TRICHLOROETHANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE HALOGENATED SOLVENTS OR THOSE LISTED IN F001, F004, OR F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 51591.8

Waste code: F003
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: XYLENE, ACETONE, ETHYL ACETATE, ETHYL BENZENE, ETHYL ETHER, METHYL ISOBUTYL KETONE, N-BUTYL ALCOHOL, CYCLOHEXANONE, AND METHANOL; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONLY THE ABOVE SPENT NON-HALOGENATED SOLVENTS; AND ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS, AND, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THOSE SOLVENTS LISTED IN F001, F002, F004, AND F005, AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 152010.2

Waste code: F005
Waste name: THE FOLLOWING SPENT NON-HALOGENATED SOLVENTS: TOLUENE, METHYL ETHYL KETONE, CARBON DISULFIDE, ISOBUTANOL, PYRIDINE, BENZENE, 2-ETHOXYETHANOL, AND 2-NITROPROPANE; ALL SPENT SOLVENT MIXTURES/BLENDS CONTAINING, BEFORE USE, A TOTAL OF TEN PERCENT OR MORE (BY VOLUME) OF ONE OR MORE OF THE ABOVE NON-HALOGENATED SOLVENTS OR THOSE SOLVENTS LISTED IN F001, F002, OR F004; AND STILL BOTTOMS FROM THE RECOVERY OF THESE SPENT SOLVENTS AND SPENT SOLVENT MIXTURES.
Amount (Lbs): 94928.7

Waste code: P030
Waste name: CYANIDES (SOLUBLE CYANIDE SALTS), NOT OTHERWISE SPECIFIED
Amount (Lbs): 35.5

Waste code: P098
Waste name: POTASSIUM CYANIDE
Amount (Lbs): 35.5

Waste code: U006
Waste name: ACETYL CHLORIDE (C,R,T)
Amount (Lbs): 3869.6

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Waste code:	U007
Waste name:	ACRYLAMIDE
Amount (Lbs):	3869.6
Waste code:	U008
Waste name:	ACRYLIC ACID (I)
Amount (Lbs):	3869.6
Waste code:	U080
Waste name:	METHANE, DICHLORO-
Amount (Lbs):	37321.3
Waste code:	U117
Waste name:	ETHANE, 1,1'-OXYBIS-(I)
Amount (Lbs):	7595.3
Waste code:	U122
Waste name:	FORMALDEHYDE
Amount (Lbs):	1760.1
Waste code:	U134
Waste name:	HYDROFLUORIC ACID (C,T)
Amount (Lbs):	3869.6
Waste code:	U138
Waste name:	METHANE, IODO-
Amount (Lbs):	3869.6
Waste code:	U151
Waste name:	MERCURY
Amount (Lbs):	3869.6
Waste code:	U154
Waste name:	METHANOL (I)
Amount (Lbs):	1760.1
Waste code:	U165
Waste name:	NAPHTHALENE
Amount (Lbs):	3869.6
Waste code:	U180
Waste name:	N-NITROSOPYRROLIDINE
Amount (Lbs):	3869.6
Waste code:	U188
Waste name:	PHENOL
Amount (Lbs):	3869.6
Waste code:	U225
Waste name:	BROMOFORM
Amount (Lbs):	3869.6
Waste code:	U404
Waste name:	ETHANAMINE, N,N-DIETHYL- (OR) TRIETHYLAMINE
Amount (Lbs):	550

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Corrective Action Summary:

Event date:	12/03/1990
Event:	RFA Completed
Event date:	12/03/1990
Event:	RFA Determination Of Need For An RFI, RFI is Necessary;
Event date:	02/24/1992
Event:	RFI Imposition, Focused data collection required for stabilization evaluation.
Event date:	02/24/1992
Event:	CMS Imposition
Event date:	03/27/1992
Event:	Stabilization Measures Evaluation, This facility is amenable to stabilization activity based on the status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations.
Event date:	03/31/1992
Event:	CA Prioritization, Facility or area was assigned a high corrective action priority.
Event date:	03/22/1993
Event:	RFI Workplan Received
Event date:	07/16/1993
Event:	RFI Workplan Received
Event date:	11/22/1993
Event:	RFI Workplan Received
Event date:	02/01/1994
Event:	RFI Supplemental Implementation Begun
Event date:	02/10/1994
Event:	RFI Workplan Received
Event date:	02/14/1994
Event:	RFI Workplan Approved
Event date:	11/16/1995
Event:	Stabilization Measures Implemented
Event date:	01/26/1996
Event:	Stabilization Construction Completed
Event date:	10/31/1997
Event:	Stabilization Construction Completed
Event date:	04/20/2002
Event:	Current Human Exposures under Control, Yes, Current Human Exposures Under Control has been verified. Based on a review of information contained in the EI determination, current human exposures are expected to be under control at the facility under current and reasonably expected conditions. This determination will be

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

re-evaluated when the Agency/State becomes aware of significant changes at the facility.

Event date: 09/23/2004
Event: Date For Remedy Selection (CM Imposed)

Event date: 12/28/2006
Event: Igration of Contaminated Groundwater under Control, Yes, Migration of Contaminated Groundwater Under Control has been verified. Based on a review of information contained in the EI determination, it has been determined that migration of contaminated groundwater is under control at the facility. Specifically, this determination indicates that the migration of contaminated groundwater is under control, and that monitoring will be conducted to confirm that contaminated groundwater remains within the existing area of contaminated groundwater. This determination will be re-evaluated when the Agency becomes aware of significant changes at the facility.

Event date: 02/01/2013
Event: CA772PR

Facility Has Received Notices of Violations:

Regulation violated: Not reported
Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date violation determined: 12/08/2011
Date achieved compliance: 03/13/2012
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/12/2012
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 03/18/2008
Date achieved compliance: 09/08/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/21/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 03/18/2008
Date achieved compliance: 09/08/2008
Violation lead agency: State
Enforcement action: NOV/INITIAL STATE ADMIN CONSENT ORDER
Enforcement action date: 04/21/2008

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: State Statute or Regulation
Date violation determined: 03/18/2008
Date achieved compliance: 09/08/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/24/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-General Facility Standards
Date violation determined: 12/11/2007
Date achieved compliance: 03/18/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/24/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Records/Reporting
Date violation determined: 12/11/2007
Date achieved compliance: 03/18/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/24/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 12/11/2007
Date achieved compliance: 09/08/2008
Violation lead agency: State
Enforcement action: NOV/INITIAL STATE ADMIN CONSENT ORDER
Enforcement action date: 04/21/2008
Enf. disposition status: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 12/11/2007
Date achieved compliance: 03/18/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/24/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Universal Waste - Small Quantity Handlers
Date violation determined: 12/11/2007
Date achieved compliance: 03/18/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/24/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 12/11/2007
Date achieved compliance: 09/08/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/24/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Preparedness and Prevention
Date violation determined: 12/11/2007
Date achieved compliance: 03/18/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/24/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: TSD IS-Container Use and Management
Date violation determined: 12/11/2007
Date achieved compliance: 03/18/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 01/24/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - Pre-transport
Date violation determined: 12/11/2007
Date achieved compliance: 09/08/2008
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 03/21/2008
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-40
Area of violation: Generators - Records/Reporting
Date violation determined: 04/15/2003
Date achieved compliance: 04/29/2003
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/15/2003
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-65-33
Area of violation: Generators - Pre-transport
Date violation determined: 03/27/2002
Date achieved compliance: 07/19/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-65-35
Area of violation: Generators - Pre-transport
Date violation determined: 03/27/2002
Date achieved compliance: 07/19/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-34(A)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 03/27/2002
Date achieved compliance: 07/19/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-34(A)(3)
Area of violation: Generators - Pre-transport
Date violation determined: 03/27/2002
Date achieved compliance: 07/19/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-34(C)(1)
Area of violation: Generators - Pre-transport
Date violation determined: 03/27/2002
Date achieved compliance: 07/19/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-42(A)(1)(2)
Area of violation: Generators - Records/Reporting
Date violation determined: 03/27/2002
Date achieved compliance: 07/19/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-20
Area of violation: Generators - Manifest
Date violation determined: 03/27/2002
Date achieved compliance: 07/19/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-34(C)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 03/27/2002
Date achieved compliance: 07/19/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SS - 3734.02(E)&(F)
Area of violation: Generators - General
Date violation determined: 03/27/2002
Date achieved compliance: 07/19/2002
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 04/22/2002
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-34(C)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 11/07/1996
Date achieved compliance: 02/06/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/19/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-66-74(A)(B)
Area of violation: Generators - Pre-transport
Date violation determined: 11/07/1996
Date achieved compliance: 02/06/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/19/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-65-32(C)
Area of violation: Generators - Pre-transport
Date violation determined: 11/07/1996
Date achieved compliance: 02/06/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/19/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-34(C)(1)(b)
Area of violation: Generators - Pre-transport
Date violation determined: 11/07/1996
Date achieved compliance: 02/06/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/19/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Regulation violated: SR - 3745-66-33(A)(B)
Area of violation: Generators - Pre-transport
Date violation determined: 11/07/1996
Date achieved compliance: 02/06/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/19/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-66-73(A)
Area of violation: Generators - Pre-transport
Date violation determined: 11/07/1996
Date achieved compliance: 02/06/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/19/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-59-07(A)(7)
Area of violation: LDR - General
Date violation determined: 06/03/1996
Date achieved compliance: 11/07/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 11/19/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-34(C)(2)
Area of violation: Generators - Pre-transport
Date violation determined: 04/04/1996
Date achieved compliance: 06/17/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/17/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-65-35

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Area of violation: Generators - Pre-transport
Date violation determined: 04/04/1996
Date achieved compliance: 06/17/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/17/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-34(A)(3)
Area of violation: Generators - Pre-transport
Date violation determined: 04/04/1996
Date achieved compliance: 06/17/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/17/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-34(A)
Area of violation: Generators - Pre-transport
Date violation determined: 04/04/1996
Date achieved compliance: 06/17/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/17/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-66-74(A)(B)
Area of violation: Generators - Pre-transport
Date violation determined: 04/04/1996
Date achieved compliance: 06/17/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/17/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-34(C)(1)
Area of violation: Generators - Pre-transport

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Date violation determined: 04/04/1996
Date achieved compliance: 02/06/1997
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/17/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-66-73(A)
Area of violation: Generators - Pre-transport
Date violation determined: 04/04/1996
Date achieved compliance: 06/17/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/17/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: SR - 3745-52-34(C)(1)(b)
Area of violation: Generators - Pre-transport
Date violation determined: 04/04/1996
Date achieved compliance: 06/17/1996
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 06/17/1996
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Regulation violated: Not reported
Area of violation: Generators - General
Date violation determined: 04/29/1986
Date achieved compliance: 11/12/1986
Violation lead agency: State
Enforcement action: WRITTEN INFORMAL
Enforcement action date: 05/05/1986
Enf. disposition status: Not reported
Enf. disp. status date: Not reported
Enforcement lead agency: State
Proposed penalty amount: Not reported
Final penalty amount: Not reported
Paid penalty amount: Not reported

Evaluation Action Summary:
Evaluation date: 12/08/2011
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Area of violation: TSD IS-Contingency Plan and Emergency Procedures
Date achieved compliance: 03/13/2012
Evaluation lead agency: State

Evaluation date: 07/17/2008
Evaluation: NOT A SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/21/2008
Evaluation: SIGNIFICANT NON-COMPLIER
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 03/03/2008
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: State Statute or Regulation
Date achieved compliance: 09/08/2008
Evaluation lead agency: State

Evaluation date: 03/03/2008
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/08/2008
Evaluation lead agency: State

Evaluation date: 12/11/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Container Use and Management
Date achieved compliance: 03/18/2008
Evaluation lead agency: State

Evaluation date: 12/11/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Universal Waste - Small Quantity Handlers
Date achieved compliance: 03/18/2008
Evaluation lead agency: State

Evaluation date: 12/11/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-General Facility Standards
Date achieved compliance: 03/18/2008
Evaluation lead agency: State

Evaluation date: 12/11/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: TSD IS-Preparedness and Prevention
Date achieved compliance: 03/18/2008
Evaluation lead agency: State

Evaluation date: 12/11/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: State Statute or Regulation
Date achieved compliance: 09/08/2008
Evaluation lead agency: State

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Evaluation date: 12/11/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 09/08/2008
Evaluation lead agency: State

Evaluation date: 12/11/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 03/18/2008
Evaluation lead agency: State

Evaluation date: 12/11/2007
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 03/18/2008
Evaluation lead agency: State

Evaluation date: 04/15/2003
Evaluation: NON-FINANCIAL RECORD REVIEW
Area of violation: Generators - Records/Reporting
Date achieved compliance: 04/29/2003
Evaluation lead agency: State

Evaluation date: 03/27/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 07/19/2002
Evaluation lead agency: State

Evaluation date: 03/27/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Records/Reporting
Date achieved compliance: 07/19/2002
Evaluation lead agency: State

Evaluation date: 03/27/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Manifest
Date achieved compliance: 07/19/2002
Evaluation lead agency: State

Evaluation date: 03/27/2002
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 07/19/2002
Evaluation lead agency: State

Evaluation date: 11/07/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/06/1997
Evaluation lead agency: State

Evaluation date: 06/26/1996
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Date achieved compliance: Not reported
Evaluation lead agency: State

Evaluation date: 06/03/1996
Evaluation: FOLLOW-UP INSPECTION
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/06/1997
Evaluation lead agency: State

Evaluation date: 06/03/1996
Evaluation: FOLLOW-UP INSPECTION
Area of violation: LDR - General
Date achieved compliance: 11/07/1997
Evaluation lead agency: State

Evaluation date: 04/04/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 02/06/1997
Evaluation lead agency: State

Evaluation date: 04/04/1996
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - Pre-transport
Date achieved compliance: 06/17/1996
Evaluation lead agency: State

Evaluation date: 04/29/1986
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Generators - General
Date achieved compliance: 11/12/1986
Evaluation lead agency: State

Evaluation date: 12/17/1984
Evaluation: COMPLIANCE EVALUATION INSPECTION ON-SITE
Area of violation: Not reported
Date achieved compliance: Not reported
Evaluation lead agency: State

CERC-NFRAP:

Site ID: 0506617
Federal Facility: Not a Federal Facility
NPL Status: Not on the NPL
Non NPL Status: Deferred to RCRA

CERCLIS-NFRAP Assessment History:

Action: DISCOVERY
Date Started: / /
Date Completed: 08/31/90
Priority Level: Not reported

Action: PRELIMINARY ASSESSMENT
Date Started: / /
Date Completed: 10/04/91
Priority Level: Deferred to RCRA (Subtitle C)

Action: ARCHIVE SITE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Date Started: / /
Date Completed: 12/27/95
Priority Level: Not reported

CORRACTS:

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19960126
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19940201
Action: CA180 - RFI Supplemental Implementation Begun
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 20130201
Action: CA772PR
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19940210
Action: CA110 - RFI Workplan Received
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Area Name: ENTIRE FACILITY
Actual Date: 19940214
Action: CA150 - RFI Workplan Approved
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19920224
Action: CA100DC - RFI Imposition, Focused data collection required for stabilization evaluation
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19920224
Action: CA250 - CMS Imposition
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19930322
Action: CA110 - RFI Workplan Received
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19920327
Action: CA225YE - Stabilization Measures Evaluation, This facility ,is amenable to stabilization activity based on the, status of corrective action work at the facility, technical factors, the degree of risk, timing considerations and administrative considerations
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19920331
Action: CA075HI - CA Prioritization, Facility or area was assigned a high corrective action priority
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 20020420
Action: CA725YE - Current Human Exposures Under Control, Yes, Current Human Exposures Under Control has been verified
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19930716
Action: CA110 - RFI Workplan Received
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 20040923
Action: CA400 - Date For Remedy Selection (CM Imposed)
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Area Name: ENTIRE FACILITY
Actual Date: 19971031
Action: CA650 - Stabilization Construction Completed
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19951116
Action: CA600 - Stabilization Measures Implemented
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19931122
Action: CA110 - RFI Workplan Received
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19901203
Action: CA050 - RFA Completed
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 19901203
Action: CA070YE - RFA Determination Of Need For An RFI, RFI is Necessary
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

EPA ID: OHD086438538
EPA Region: 05
Area Name: ENTIRE FACILITY
Actual Date: 20061228
Action: CA750YE - Migration of Contaminated Groundwater under Control, Yes,
Migration of Contaminated Groundwater Under Control has been verified
NAICS Code(s): 32519 42469 32599
Other Basic Organic Chemical Manufacturing
Other Chemical and Allied Products Merchant Wholesalers
All Other Chemical Product and Preparation Manufacturing
Original schedule date: Not reported
Schedule end date: Not reported

US INST CONTROL:

EPA ID: OHD086438538
Site ID: Not reported
Name: EMD MILLIPORE CORP
Action Name: Not reported
Address: 2909 HIGHLAND AVE
CINCINNATI, OH 45212
EPA Region: 5
County: HAMILTON
Event Code: CA772PR
Inst. Control: Not reported
Actual Date: Not reported
Comple. Date: Not reported
Operable Unit: Not reported
Contaminated Media : Not reported

TRIS:

[Click this hyperlink](#) while viewing on your computer to access
15 additional US_TRIS: record(s) in the EDR Site Report.

DERR:

DERR ID: 531000274
District: SWDO
Alias: Not reported
Lat/Long: 39.1656 -84.4350
EPA ID: OHD086438538
Program: Remedial Response

UNREG LTANKS:

Facility Status: Release is Confirmed

Facility Id:	311027	Facility County #:	31
Facility Track:	0	Facility Phone:	Not reported
Report Number:	3102077	Incident Number:	310207700
RP Status:	Not reported	RP Search Date:	Not reported
Inspector:	Not reported	Coordinator:	COCA
Revised Date:	10/09/90	Fiscal Tracking:	F900
Class:	D	Priority:	2
Vacant:	Not reported	Lust Trust Fund:	2
Emrgncy Resp:	2	ER By:	Not reported
Authorized By:	GILL	Authorized Date:	09/18/90
Added Date:	09/20/90	Entry By:	UNGER
Owner Name:	Not reported		

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Owner Address: Not reported
Owner City,St,Zip: OH
Owner Phone: Not reported
Operator Name: Not reported
Operator Address: Not reported
Operator C,S,Z: OH
Operator Phone: Not reported
Remarks: 0
Summary: CLOS RPT RECD

UST:

Facility Id: 31001027
Facility Type: Industrial
Owner Name: EMD MILLIPORE CORP
Owner Address: 2828 HIGHLAND AVE
Owner City/State/Zip: 45212

Tank Number: T00001
Status: CIU - Currently In Use
UST Capacity: 4000
Tank Content: Hazardous Substance
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

Tank Number: T00002
Status: CIU - Currently In Use
UST Capacity: 5600
Tank Content: Hazardous Substance
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

Tank Number: T00003
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Other Petroleum Distillate
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

Tank Number: T00004
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Hazardous Substance
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

Tank Number: T00005
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Hazardous Substance
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Tank Number: T00006
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Hazardous Substance
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

Tank Number: T00007
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Hazardous Substance
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

Tank Number: T00008
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Hazardous Substance
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

Tank Number: T00009
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Hazardous Substance
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

Tank Number: T00010
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Hazardous Substance
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

Tank Number: T00011
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Hazardous Substance
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

Tank Number: T00012
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Hazardous Substance
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

Tank Number: T00013

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Hazardous Substance
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

Tank Number: T00014
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Other Petroleum Distillate
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

Tank Number: T00015
Status: CIU - Currently In Use
UST Capacity: 8000
Tank Content: Other Petroleum Distillate
Installation Date: 09/01/1988
Construction: CCPS - Coated/Cathodically Protected Steel

ARCHIVE UST:
Facility Number: 31001027

Permit:
Facility Id: 31001027
Permit Id: P00001
Permit Status: Closed
Issued Date: 3/13/2003
Lfd Permit Id: 10635

Facility Id: 31001027
Permit Id: P00002
Permit Status: Closed
Issued Date: 9/18/2009
Lfd Permit Id: 14729

Facility Id: 31001027
Permit Id: P00003
Permit Status: Closed
Issued Date: 12/7/2011
Lfd Permit Id: 14846

Inspection:
Facility Id: 31001027
Code: 502
Permit Number: P00002
Inspection Type: Final

Facility Id: 31001027
Code: 701
Permit Number: P00001
Inspection Type: Final

Facility Id: 31001027
Code: 502

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Permit Number: P00003
Inspection Type: Final

Tanks:

Tank ID: T00001
Tank Status: **Currently In Use**
Tank Type: CCPS - Coated/Cathodically Protected Steel
Capacity: 4000
Content: Hazardous Substance
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Installation Date: 9/1/1988
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: IP - Impressed Current
Release Detection on Tank: Alternative Method
Corrosion Protection Piping: NCWG - No Piping In Contact With
Piping Material: CCPS - Coated/CP Steel
Piping Type: Pressure
Release Detection on Piping: Interstitial Monitoring Double Walled

Tank ID: T00002
Tank Status: **Currently In Use**
Tank Type: CCPS - Coated/Cathodically Protected Steel
Capacity: 5600
Content: Hazardous Substance
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Installation Date: 9/1/1988
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported
Corrosion Protection Tank: IP - Impressed Current
Release Detection on Tank: Alternative Method
Corrosion Protection Piping: NCWG - No Piping In Contact With
Piping Material: CCPS - Coated/CP Steel
Piping Type: Pressure
Release Detection on Piping: Interstitial Monitoring Double Walled

Tank ID: T00003
Tank Status: **Currently In Use**
Tank Type: CCPS - Coated/Cathodically Protected Steel
Capacity: 8000
Content: Other Petroleum Distillate
CAS #: Not reported
Regulated: Yes
Overfill Device Installed: Yes
Spill Device Installed: Yes
Installation Date: 9/1/1988
Date Removed: Not reported
Date Last Used: Not reported
Date Abandoned/Closed: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Corrosion Protection Tank:	IP - Impressed Current
Release Detection on Tank:	Alternative Method
Corrosion Protection Piping:	NCWG - No Piping In Contact With
Piping Material:	CCPS - Coated/CP Steel
Piping Type:	Pressure
Release Detection on Piping:	Interstitial Monitoring Double Walled
Tank ID:	T00004
Tank Status:	Currently In Use
Tank Type:	CCPS - Coated/Cathodically Protected Steel
Capacity:	8000
Content:	Hazardous Substance
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Installation Date:	9/1/1988
Date Removed:	Not reported
Date Last Used:	Not reported
Date Abandoned/Closed:	Not reported
Corrosion Protection Tank:	IP - Impressed Current
Release Detection on Tank:	Alternative Method
Corrosion Protection Piping:	NCWG - No Piping In Contact With
Piping Material:	CCPS - Coated/CP Steel
Piping Type:	Pressure
Release Detection on Piping:	Interstitial Monitoring Double Walled
Tank ID:	T00005
Tank Status:	Currently In Use
Tank Type:	CCPS - Coated/Cathodically Protected Steel
Capacity:	8000
Content:	Hazardous Substance
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Installation Date:	9/1/1988
Date Removed:	Not reported
Date Last Used:	Not reported
Date Abandoned/Closed:	Not reported
Corrosion Protection Tank:	IP - Impressed Current
Release Detection on Tank:	Alternative Method
Corrosion Protection Piping:	NCWG - No Piping In Contact With
Piping Material:	CCPS - Coated/CP Steel
Piping Type:	Pressure
Release Detection on Piping:	Interstitial Monitoring Double Walled
Tank ID:	T00006
Tank Status:	Currently In Use
Tank Type:	CCPS - Coated/Cathodically Protected Steel
Capacity:	8000
Content:	Hazardous Substance
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Installation Date:	9/1/1988

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Date Removed:	Not reported
Date Last Used:	Not reported
Date Abandoned/Closed:	Not reported
Corrosion Protection Tank:	IP - Impressed Current
Release Detection on Tank:	Alternative Method
Corrosion Protection Piping:	NCWG - No Piping In Contact With
Piping Material:	CCPS - Coated/CP Steel
Piping Type:	Pressure
Release Detection on Piping:	Interstitial Monitoring Double Walled
Tank ID:	T00007
Tank Status:	Currently In Use
Tank Type:	CCPS - Coated/Cathodically Protected Steel
Capacity:	8000
Content:	Hazardous Substance
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Installation Date:	9/1/1988
Date Removed:	Not reported
Date Last Used:	Not reported
Date Abandoned/Closed:	Not reported
Corrosion Protection Tank:	IP - Impressed Current
Release Detection on Tank:	Alternative Method
Corrosion Protection Piping:	NCWG - No Piping In Contact With
Piping Material:	CCPS - Coated/CP Steel
Piping Type:	Pressure
Release Detection on Piping:	Interstitial Monitoring Double Walled
Tank ID:	T00008
Tank Status:	Currently In Use
Tank Type:	CCPS - Coated/Cathodically Protected Steel
Capacity:	8000
Content:	Hazardous Substance
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Installation Date:	9/1/1988
Date Removed:	Not reported
Date Last Used:	Not reported
Date Abandoned/Closed:	Not reported
Corrosion Protection Tank:	IP - Impressed Current
Release Detection on Tank:	Alternative Method
Corrosion Protection Piping:	NCWG - No Piping In Contact With
Piping Material:	CCPS - Coated/CP Steel
Piping Type:	Pressure
Release Detection on Piping:	Interstitial Monitoring Double Walled
Tank ID:	T00009
Tank Status:	Currently In Use
Tank Type:	CCPS - Coated/Cathodically Protected Steel
Capacity:	8000
Content:	Hazardous Substance
CAS #:	Not reported
Regulated:	Yes

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Installation Date:	9/1/1988
Date Removed:	Not reported
Date Last Used:	Not reported
Date Abandoned/Closed:	Not reported
Corrosion Protection Tank:	IP - Impressed Current
Release Detection on Tank:	Alternative Method
Corrosion Protection Piping:	NCWG - No Piping In Contact With
Piping Material:	CCPS - Coated/CP Steel
Piping Type:	Pressure
Release Detection on Piping:	Interstitial Monitoring Double Walled
Tank ID:	T00010
Tank Status:	Currently In Use
Tank Type:	CCPS - Coated/Cathodically Protected Steel
Capacity:	8000
Content:	Hazardous Substance
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Installation Date:	9/1/1988
Date Removed:	Not reported
Date Last Used:	Not reported
Date Abandoned/Closed:	Not reported
Corrosion Protection Tank:	IP - Impressed Current
Release Detection on Tank:	Alternative Method
Corrosion Protection Piping:	NCWG - No Piping In Contact With
Piping Material:	CCPS - Coated/CP Steel
Piping Type:	Pressure
Release Detection on Piping:	Interstitial Monitoring Double Walled
Tank ID:	T00011
Tank Status:	Currently In Use
Tank Type:	CCPS - Coated/Cathodically Protected Steel
Capacity:	8000
Content:	Hazardous Substance
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Installation Date:	9/1/1988
Date Removed:	Not reported
Date Last Used:	Not reported
Date Abandoned/Closed:	Not reported
Corrosion Protection Tank:	IP - Impressed Current
Release Detection on Tank:	Alternative Method
Corrosion Protection Piping:	NCWG - No Piping In Contact With
Piping Material:	CCPS - Coated/CP Steel
Piping Type:	Pressure
Release Detection on Piping:	Interstitial Monitoring Double Walled
Tank ID:	T00012
Tank Status:	Currently In Use
Tank Type:	CCPS - Coated/Cathodically Protected Steel
Capacity:	8000

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Content:	Hazardous Substance
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Installation Date:	9/1/1988
Date Removed:	Not reported
Date Last Used:	Not reported
Date Abandoned/Closed:	Not reported
Corrosion Protection Tank:	IP - Impressed Current
Release Detection on Tank:	Alternative Method
Corrosion Protection Piping:	NCWG - No Piping In Contact With
Piping Material:	CCPS - Coated/CP Steel
Piping Type:	Pressure
Release Detection on Piping:	Interstitial Monitoring Double Walled
Tank ID:	T00013
Tank Status:	Currently In Use
Tank Type:	CCPS - Coated/Cathodically Protected Steel
Capacity:	8000
Content:	Hazardous Substance
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Installation Date:	9/1/1988
Date Removed:	Not reported
Date Last Used:	Not reported
Date Abandoned/Closed:	Not reported
Corrosion Protection Tank:	IP - Impressed Current
Release Detection on Tank:	Alternative Method
Corrosion Protection Piping:	NCWG - No Piping In Contact With
Piping Material:	CCPS - Coated/CP Steel
Piping Type:	Pressure
Release Detection on Piping:	Interstitial Monitoring Double Walled
Tank ID:	T00014
Tank Status:	Currently In Use
Tank Type:	CCPS - Coated/Cathodically Protected Steel
Capacity:	8000
Content:	Other Petroleum Distillate
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Installation Date:	9/1/1988
Date Removed:	Not reported
Date Last Used:	Not reported
Date Abandoned/Closed:	Not reported
Corrosion Protection Tank:	IP - Impressed Current
Release Detection on Tank:	Alternative Method
Corrosion Protection Piping:	NCWG - No Piping In Contact With
Piping Material:	CCPS - Coated/CP Steel
Piping Type:	Pressure
Release Detection on Piping:	Interstitial Monitoring Double Walled
Tank ID:	T00015

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Tank Status:	Currently In Use
Tank Type:	CCPS - Coated/Cathodically Protected Steel
Capacity:	8000
Content:	Other Petroleum Distillate
CAS #:	Not reported
Regulated:	Yes
Overfill Device Installed:	Yes
Spill Device Installed:	Yes
Installation Date:	9/1/1988
Date Removed:	Not reported
Date Last Used:	Not reported
Date Abandoned/Closed:	Not reported
Corrosion Protection Tank:	IP - Impressed Current
Release Detection on Tank:	Alternative Method
Corrosion Protection Piping:	NCWG - No Piping In Contact With
Piping Material:	CCPS - Coated/CP Steel
Piping Type:	Pressure
Release Detection on Piping:	Interstitial Monitoring Double Walled

NY MANIFEST:

EPA ID:	OHD086438538
Country:	USA
Mailing Name:	EM SCIENCE
Mailing Contact:	EM SCIENCE
Mailing Address:	2909 HIGHLAND AVENUE
Mailing Address 2:	Not reported
Mailing City:	CINCINNATI
Mailing State:	OH
Mailing Zip:	45212
Mailing Zip4:	Not reported
Mailing Country:	USA
Mailing Phone:	513-631-0445

Document ID:	NYB2860443
Manifest Status:	Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID:	10209PNY
Trans2 State ID:	Not reported
Generator Ship Date:	911016
Trans1 Recv Date:	911016
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	911104
Part A Recv Date:	911104
Part B Recv Date:	911115
Generator EPA ID:	OHD086438538
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D003 - NON-LISTED REACTIVE WASTES
Quantity:	00003
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Waste Code:	Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Quantity: 00005
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00002
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 91

Document ID: NYB4429719
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 10222PNY
Trans2 State ID: Not reported
Generator Ship Date: 920727
Trans1 Recv Date: 920727
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920901
Part A Recv Date: Not reported
Part B Recv Date: 920915
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00106
Units: P - Pounds
Number of Containers: 004
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00053
Units: P - Pounds
Number of Containers: 002
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 92

Document ID: NYB4429728
Manifest Status: Completed copy
Trans1 State ID: 11341PNY
Trans2 State ID: Not reported
Generator Ship Date: 921207
Trans1 Recv Date: 921207
Trans2 Recv Date: Not reported
TSD Site Recv Date: 921209
Part A Recv Date: 921221
Part B Recv Date: 921221

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00023
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00006
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00001
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00002
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 92

Document ID: NYA3199882
Manifest Status: Completed copy
Trans1 State ID: V30452NY
Trans2 State ID: Not reported
Generator Ship Date: 860822
Trans1 Recv Date: 860822
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860826
Part A Recv Date: 860825
Part B Recv Date: 860828
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00001
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Quantity: 00009
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00022
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00200
Units: K - Kilograms (2.2 pounds)
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 86

Document ID: NYA4160621
Manifest Status: Completed copy
Trans1 State ID: U64856-NY
Trans2 State ID: Not reported
Generator Ship Date: 860527
Trans1 Recv Date: 860527
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860530
Part A Recv Date: 860606
Part B Recv Date: 860605
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00400
Units: P - Pounds
Number of Containers: 009
Container Type: CW - Wooden boxes
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00500
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00020
Units: P - Pounds
Number of Containers: 001
Container Type: TP - Tanks, portable
Handling Method: T Chemical, physical, or biological treatment.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Specific Gravity: 100
Waste Code: Not reported
Quantity: 00600
Units: P - Pounds
Number of Containers: 010
Container Type: CW - Wooden boxes
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 86

Document ID: NYA4160643
Manifest Status: Completed copy
Trans1 State ID: U64856-NY
Trans2 State ID: Not reported
Generator Ship Date: 860527
Trans1 Recv Date: 860527
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860530
Part A Recv Date: 860606
Part B Recv Date: 860605
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00020
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 86

Document ID: NYA4160654

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Manifest Status: Completed copy
Trans1 State ID: U64856-NY
Trans2 State ID: Not reported
Generator Ship Date: 860527
Trans1 Recv Date: 860527
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860530
Part A Recv Date: 860606
Part B Recv Date: 860605
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSD ID: NYD000632372
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00015
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00015
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 86

Document ID: NYA4160665
Manifest Status: Completed copy
Trans1 State ID: U64856-NY
Trans2 State ID: Not reported
Generator Ship Date: 860527
Trans1 Recv Date: 860527
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860530
Part A Recv Date: 860606
Part B Recv Date: 860605
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

TSDF ID: NYD000632372
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00020
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00100
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00200
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 86

Document ID: NYA4161014
Manifest Status: Completed copy
Trans1 State ID: U64856-NY
Trans2 State ID: Not reported
Generator Ship Date: 860527
Trans1 Recv Date: 860527
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860530
Part A Recv Date: 860606
Part B Recv Date: 860605
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00030
Units: G - Gallons (liquids only)* (8.3 pounds)
Number of Containers: 006
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 86

Document ID: NYA4160676

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Manifest Status: Completed copy
Trans1 State ID: U64856-NY
Trans2 State ID: Not reported
Generator Ship Date: 860527
Trans1 Recv Date: 860527
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860530
Part A Recv Date: 860606
Part B Recv Date: 860605
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00050
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00030
Units: P - Pounds
Number of Containers: 002
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00025
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 86

Document ID: NYA4160698
Manifest Status: Completed copy
Trans1 State ID: U64856-NY
Trans2 State ID: Not reported
Generator Ship Date: 860522
Trans1 Recv Date: 860527
Trans2 Recv Date: Not reported
TSD Site Recv Date: 860530
Part A Recv Date: 860606
Part B Recv Date: 860605
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

TSD ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00015
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00055
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00030
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 86

Document ID: NYA5949891
Manifest Status: Completed copy
Trans1 State ID: LZ5-979NY
Trans2 State ID: CL9142NY
Generator Ship Date: 880613
Trans1 Recv Date: 880613
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880620
Part A Recv Date: 880617
Part B Recv Date: 880628
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSD ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00002
Units: T - Tons
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00004
Units: T - Tons
Number of Containers: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Container Type:	DM - Metal drums, barrels
Handling Method:	B Incineration, heat recovery, burning.
Specific Gravity:	100
Year:	88
Document ID:	NYA5948073
Manifest Status:	Completed copy
Trans1 State ID:	V30452NY
Trans2 State ID:	Not reported
Generator Ship Date:	880128
Trans1 Recv Date:	880128
Trans2 Recv Date:	Not reported
TSD Site Recv Date:	880204
Part A Recv Date:	880201
Part B Recv Date:	880209
Generator EPA ID:	OHD086438538
Trans1 EPA ID:	NYD980769947
Trans2 EPA ID:	Not reported
TSDF ID:	NYD000632372
Waste Code:	D001 - NON-LISTED IGNITABLE WASTES
Quantity:	00105
Units:	P - Pounds
Number of Containers:	001
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00450
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00446
Units:	P - Pounds
Number of Containers:	002
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Waste Code:	Not reported
Quantity:	00027
Units:	P - Pounds
Number of Containers:	003
Container Type:	DM - Metal drums, barrels
Handling Method:	T Chemical, physical, or biological treatment.
Specific Gravity:	100
Year:	88
Document ID:	NYA5948091
Manifest Status:	Completed copy
Trans1 State ID:	LZ5979NY
Trans2 State ID:	67237GUNY
Generator Ship Date:	880408
Trans1 Recv Date:	880408

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Trans2 Recv Date: Not reported
TSD Site Recv Date: 880419
Part A Recv Date: 880413
Part B Recv Date: 880427
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00222
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 88

Document ID: NYA6088887
Manifest Status: Completed copy
Trans1 State ID: LZ5-979NY
Trans2 State ID: CL9142NY
Generator Ship Date: 880613
Trans1 Recv Date: 880613
Trans2 Recv Date: Not reported
TSD Site Recv Date: 880620
Part A Recv Date: 880617
Part B Recv Date: 880628
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00012
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00008
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00006
Units: P - Pounds
Number of Containers: 001

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00010
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 88

Document ID: NYB1005804
Manifest Status: Completed copy
Trans1 State ID: PA7112NY
Trans2 State ID: PA7111(NY
Generator Ship Date: 900306
Trans1 Recv Date: 900306
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900307
Part A Recv Date: 900326
Part B Recv Date: 900327
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00085
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 163
Waste Code: Not reported
Quantity: 00052
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 110
Waste Code: Not reported
Quantity: 00033
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00009
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 153
Year: 90

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Document ID: NYB1005813
Manifest Status: Completed copy
Trans1 State ID: PA7112NY
Trans2 State ID: PA7111(NY
Generator Ship Date: 900306
Trans1 Recv Date: 900306
Trans2 Recv Date: Not reported
TSD Site Recv Date: 900307
Part A Recv Date: 900327
Part B Recv Date: 900328
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D002 - NON-LISTED CORROSIVE WASTES
Quantity: 00015
Units: P - Pounds
Number of Containers: 001
Container Type: DF - Fiberboard or plastic drums (glass)
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 176
Year: 90

Document ID: NYB2860452
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 10209PNY
Trans2 State ID: Not reported
Generator Ship Date: 911016
Trans1 Recv Date: 911016
Trans2 Recv Date: Not reported
TSD Site Recv Date: 911104
Part A Recv Date: 911101
Part B Recv Date: 911114
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D003 - NON-LISTED REACTIVE WASTES
Quantity: 00583
Units: P - Pounds
Number of Containers: 003
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00002
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00012
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00003
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91

Document ID: NYB1005822
Manifest Status: Completed after the designated time period for a TSDF to get a copy to the DEC
Trans1 State ID: 11340PNY
Trans2 State ID: 11340PNY
Generator Ship Date: 910715
Trans1 Recv Date: 910715
Trans2 Recv Date: Not reported
TSD Site Recv Date: 910718
Part A Recv Date: 910917
Part B Recv Date: 910726
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: P105 - SODIUM AZIDE
Quantity: 00002
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00002
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00002
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00002
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: B Incineration, heat recovery, burning.
Specific Gravity: 100
Year: 91

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Document ID: NYB2557953
Manifest Status: Completed copy
Trans1 State ID: 11339PNY
Trans2 State ID: Not reported
Generator Ship Date: 920609
Trans1 Recv Date: 920609
Trans2 Recv Date: Not reported
TSD Site Recv Date: 920611
Part A Recv Date: Not reported
Part B Recv Date: 920622
Generator EPA ID: OHD086438538
Trans1 EPA ID: NYD980769947
Trans2 EPA ID: Not reported
TSDF ID: NYD000632372
Waste Code: D001 - NON-LISTED IGNITABLE WASTES
Quantity: 00002
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00011
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00011
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Waste Code: Not reported
Quantity: 00004
Units: P - Pounds
Number of Containers: 001
Container Type: DM - Metal drums, barrels
Handling Method: T Chemical, physical, or biological treatment.
Specific Gravity: 100
Year: 92

[Click this hyperlink](#) while viewing on your computer to access
43 additional NY_MANIFEST: record(s) in the EDR Site Report.

SPILLS:

Spill No.: 9009-31-4426
Spill Year: 1990
Date Spill Reported: 09/13/1990
Spill Month: 9
Spill Number: 4426
Reporter Name: SFM
Confidential: No
District Code: SW
Employee Number: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Lat/Long: Not reported
Product Spilled Name: NITREL
Product Spilled Name: ETHYL ETHER

OH NPDES:

Issue Date: 10/22/2012
Township: Not reported
Facility Npdes Permit: 1GC04405*AG
Applicant Name: ENVIRONMENTAL FIELD SERVICES INC
Applicant Address: 40 WEST STREET ROAD 32 WESTFIELD, IN 46074

Issue Date: 09/28/2012
Township: Not reported
Facility Npdes Permit: 1GC04405*AG
Applicant Name: CH2M HILL ENGINEERS INC
Applicant Address: FIFTH THIRD CENTER, 1 SO MAIN ST STE 1000 DAYTON, OH 45402

AIRS (AFS):

Compliance and Violation Data Major Sources:

EPA plant ID: 110000393084
Plant name: EMD CHEMICALS
Plant address: 2909 HIGHLAND AVENUE
NORWOOD, OH 45212
County: HAMILTON
Region code: 05
Dunn & Bradst #: Not reported
Air quality cntrl region: 079
Sic code: 5169
Sic code desc: CHEMICALS AND ALLIED PRODUCTS, NEC (1987)
North Am. industrial classf: 424690
NAIC code description: Other Chemical and Allied Products Merchant Wholesalers
Default compliance status: IN COMPLIANCE - INSPECTION
Default classification: POTENTIAL EMISSIONS ARE BELOW ALL APPLICABLE MAJOR SOURCE THRESHOLDS
IF AND ONLY IF THE SOURCE COMPLIES WITH FEDERALLY ENFORCEABLE
REGULATIONS OR LIMITATIONS.
Govt facility: ALL OTHER FACILITIES NOT OWNED OR OPERATED BY A FEDERAL, STATE, OR
LOCAL GOVERNMENT
Current HPV: Not reported

Compliance and Enforcement Major Issues:

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 030321
Penalty amount: 000000000
Air program: Not reported
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 030321
Penalty amount: 000000000
Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / OFF-SITE
Date achieved: 070620
Penalty amount: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Air program: Not reported
National action type: STATE CONDUCTED FCE / OFF-SITE
Date achieved: 070620
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 110827
Penalty amount: Not reported

Air program: Not reported
National action type: STATE CONDUCTED FCE / ON-SITE
Date achieved: 110827
Penalty amount: Not reported

Air program: SIP SOURCE
National action type: EPA CONDUCTED PCE/ ON-SITE
Date achieved: 121106
Penalty amount: Not reported

Historical Compliance Minor Sources:

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1001
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1002
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1003
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1003
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1101
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: SIP SOURCE

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1104
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1201
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1202
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1203
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1204
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1001
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1002
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1004
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1102
Air prog code hist file: SIP SOURCE

State compliance status: IN COMPLIANCE - INSPECTION
Hist compliance date: 1103
Air prog code hist file: Not reported

State compliance status: IN COMPLIANCE - INSPECTION

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

EM IND INC EM SCIENCE DIV (Continued)

1000378184

Hist compliance date: 1201
Air prog code hist file: SIP SOURCE

2020 COR ACTION:

EPA ID: OHD086438538
Region: 5
Action: Not reported

26
West
1/2-1
0.742 mi.
3919 ft.

**SURREY SQUARE MALL, CINCINNATI
4524 MONTGOMERY RD
CINCINNATI, OH 45212**

**OH DERR
OH ENG CONTROLS
OH INST CONTROL
OH VCP**

**S108408129
N/A**

**Relative:
Higher**

DERR:

DERR ID: 531002521
District: SWDO
Alias: Not reported
Lat/Long: Not reported
EPA ID: Not reported
Program: Voluntary Action Program

**Actual:
641 ft.**

ENGINEERING CONTROLS:

NFA Number: 12NFA450
Land Use: Not reported
Site Id: 531002521
Project Id: 531002521004
District: SWDO
Lat/Long: Not reported
Program Area: VAP
Project Type: NFA 90 Day

INST CONTROL:

NFA Number: 12NFA450
Land Use: Not reported
Site Id: 531002521
Project Id: 531002521004
District: SWDO
Lat/Long: Not reported
Program Area: VAP
Project Type: NFA 90 Day
IC Type: Not reported
IC Mechanism: Not reported

OH VCP:

OH EPA District: SWDO
Alias Name: Not reported
Latitude: Not reported
Longitude: Not reported
Old Program Id: Not reported
Project Type: VAP PAYGO
DERR ID: 531002521

OH EPA District: SWDO
Alias Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

SURREY SQUARE MALL, CINCINNATI (Continued)

S108408129

Latitude: Not reported
Longitude: Not reported
Old Program Id: 07TA011
Project Type: VAP Technical Assistance
DERR ID: 531002521

OH EPA District: SWDO
Alias Name: Not reported
Latitude: Not reported
Longitude: Not reported
Old Program Id: 12NFA450
Project Type: NFA 90 Day
DERR ID: 531002521

OH EPA District: SWDO
Alias Name: Not reported
Latitude: Not reported
Longitude: Not reported
Old Program Id: Not reported
Project Type: VAP Audit
DERR ID: 531002521

OH EPA District: SWDO
Alias Name: Not reported
Latitude: Not reported
Longitude: Not reported
Old Program Id: 09TA030
Project Type: VAP Technical Assistance
DERR ID: 531002521

27
SSW
1/2-1
0.790 mi.
4172 ft.

**ROOKWOOD COMMONS, NORWOOD
2620 THRU 2750 EDMONDSON RD
NORWOOD, OH**

**OH DERR S105153727
OH INST CONTROL N/A
OH VCP
OH HIST INST CONTROLS**

**Relative:
Higher**

DERR:
DERR ID: 531002030
District: SWDO
Alias: Brendamour Whse
Lat/Long: 39.1471 -84.4468
EPA ID: Not reported
Program: Voluntary Action Program

**Actual:
648 ft.**

DERR ID: 531002030
District: SWDO
Alias: Not reported
Lat/Long: 39.1471 -84.4468
EPA ID: Not reported
Program: Voluntary Action Program

DERR ID: 531002030
District: SWDO
Alias: Hyde Park Lumber
Lat/Long: 39.1471 -84.4468
EPA ID: Not reported
Program: Voluntary Action Program

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROOKWOOD COMMONS, NORWOOD (Continued)

S105153727

INST CONTROL:

NFA Number: Not reported
Land Use: Not reported
Site Id: 531002030
Project Id: 531002030001
District: SWDO
Lat/Long: 39.14711 / -84.44709
Program Area: VAP
Project Type: NFA 90 Day
IC Type: Commercial Use Restriction
IC Mechanism: Declaration of Use Restriction

NFA Number: Not reported
Land Use: Not reported
Site Id: 531002030
Project Id: 531002030001
District: SWDO
Lat/Long: 39.14711 / -84.44709
Program Area: VAP
Project Type: NFA 90 Day
IC Type: Industrial Use Restriction
IC Mechanism: Declaration of Use Restriction

NFA Number: Not reported
Land Use: Not reported
Site Id: 531002030
Project Id: 531002030001
District: SWDO
Lat/Long: 39.14711 / -84.44709
Program Area: VAP
Project Type: NFA 90 Day
IC Type: Potable & Non-potable GW Extraction/Use Restriction
IC Mechanism: Declaration of Use Restriction

NFA Number: 01NFA122
Land Use: Not reported
Site Id: 531002030
Project Id: 531002030001
District: SWDO
Lat/Long: 39.14711 / -84.44709
Program Area: VAP
Project Type: NFA 90 Day
IC Type: Not reported
IC Mechanism: Not reported

OH VCP:

OH EPA District: SWDO
Alias Name: Hyde Park Lumber
Latitude: 39.14714
Longitude: -84.44681
Old Program Id: 01NFA122
Project Type: NFA 90 Day
DERR ID: 531002030

OH EPA District: SWDO
Alias Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

ROOKWOOD COMMONS, NORWOOD (Continued)

S105153727

Latitude: 39.14714
Longitude: -84.44681
Old Program Id: 99TA034
Project Type: VAP Technical Assistance
DERR ID: 531002030

OH EPA District: SWDO
Alias Name: Brendamour Whse
Latitude: 39.14714
Longitude: -84.44681
Old Program Id: 01NFA122
Project Type: NFA 90 Day
DERR ID: 531002030

OH EPA District: SWDO
Alias Name: Not reported
Latitude: 39.14714
Longitude: -84.44681
Old Program Id: Not reported
Project Type: VAP Institutional Control Inspection
DERR ID: 531002030

OH HISTORICAL INSTITUTIONAL CONTROL :

NFA Number: 01NFA122
Other Names: Brendamour Wharehouse
Date NFA Submitted to VAP: 11/27/2001
Date VAP CNS Signed by Director: 09/18/2002
District Office: SWDO
NFA Number: 01NFA122
Any Billing Number: Not reported
Institutional Controls: CNS documents a Commercial / Industrial use restriction & GW use restriction.
Certified Professional Name: John Payne
Certified Professional Cert Num: CP104
Lead Reviewer: Eric Sainey, DERR/CO
Legal Reviewer: Sue Kroeger, CO
Additional Reviewers: Jamie Roberts, DERR/CO
Review Conclusion: Review not conducted.
Review Date: 09/18/2007
Compliance: False
NFA Number: 01NFA122
Initial Volunteer for NFA: Rookwood Commons LLC
Current Volunteer: Rookwood Commons LLC
Current Volunteer Address: 3805 Edwards Road, Ste 700
Current Volunteer City: Cincinnati, OH 45209
Curr Contact Info: J.R. Anderson
History: Not reported
History If Transferred To Diff Volunteer: No evidence of Property Transfer to date.

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

28
East
1/2-1
0.981 mi.
5181 ft.

CINCINNATI MILACRON
4701 MARBURG AVE
CINCINNATI, OH 45209

OH DERR
OH SPILLS
OH VCP
OH BROWNFIELDS
S106962305
N/A

Relative:
Lower

DERR:

DERR ID: 531002238
District: SWDO
Alias: Factory Power Millworks
Lat/Long: 39.1601 -84.4268
EPA ID: Not reported
Program: Clean Ohio Fund Voluntary Action Program

Actual:
603 ft.

DERR ID: 531002238
District: SWDO
Alias: Not reported
Lat/Long: 39.1601 -84.4268
EPA ID: Not reported
Program: Clean Ohio Fund Voluntary Action Program

DERR ID: 531002238
District: SWDO
Alias: Cinicinnati Milacron/Millworks, Marburg Ave
Lat/Long: 39.1601 -84.4268
EPA ID: Not reported
Program: Clean Ohio Fund Voluntary Action Program

DERR ID: 531002238
District: SWDO
Alias: Kirk & Blum
Lat/Long: 39.1601 -84.4268
EPA ID: Not reported
Program: Clean Ohio Fund Voluntary Action Program

DERR ID: 531002238
District: SWDO
Alias: UNOVA Property
Lat/Long: 39.1601 -84.4268
EPA ID: Not reported
Program: Clean Ohio Fund Voluntary Action Program

SPILLS:

Spill No.: 9811-31-4662
Spill Year: 1998
Date Spill Reported: 11/20/1998
Spill Month: 11
Spill Number: 4662
Reporter Name: NRC FAX 464751
Confidential: No
District Code: SW
Employee Number: 1767
Lat/Long: Not reported
Product Spilled Name: PETROLEUM COOLANT SYNTHETIC

OH VCP:

OH EPA District: SWDO
Alias Name: Not reported

Map ID
Direction
Distance
Elevation

MAP FINDINGS

Site

Database(s)

EDR ID Number
EPA ID Number

CINCINNATI MILACRON (Continued)

S106962305

Latitude: 39.16016
Longitude: -84.42685
Old Program Id: Not reported
Project Type: VAP Technical Assistance
DERR ID: 531002238

BROWNFIELDS:

App Id: 1415
District: SWDO
Community Name: USS Realty, LLC
Community Website: n/a
Contact Name: Dragon, Steve
Contact Title: Professional Engineer
Contact Address: 9900 Springboro Pike
Contact County: Montgomery
Contact City/State/Zip: Miamisburg, OH
Contact Phone: (513) 272-3600
Contact Email: sdragon@vanhold.com
Current Land Use: Industrial;
Current Land Use (Other): Not reported
Past Land Use: Industrial;
Past Land Use (Other): Not reported
Current Zoning: PD
Vacancy: Vacant
Site Size (Acres): 65
Usable Buildings: 0
Building Space (Sq. Ft.): 0
Utilities Available: Electrical; Water; Sewer; Natural Gas Service; Telecommunication Service;
Parcel Numbers: 051-0001-0001-00 051-0001-0022-00051-0001-0005-00
051-0001-0028-00051-0001-0013-00 051-0001-0051-00
Environmental Assessment: Phase I; Phase II; Asbestos Inspection Report;
General Comments: Not reported
Property History: Factory Power Company, Factory Power Company, Power generation, ;
Cincinnati Milacron, Cincinnati Milacron, Milling machine
manufacturing, 01-JAN-99; UNOVA Industrial Automation Systems, UNOVA
Industrial Automation Systems, Milling machine manufacturing,
01-JAN-05; Kirk & Blum Manufacturing Company, Kirk & Blum
Manufacturing Company, Air handling system manufacturing, 01-JAN-10;
Proximity: This property is less than one mile from I-71. The property is 22
miles from the Cincinnati-Northern Kentucky International Airport. A
CSX railroad line is located on the property. The property is nine
miles from the Ohio River. The property is accessible to pedestrians
and public transportation is available.
COF Project: CORF
Date Entered: 1/7/2011

ORPHAN SUMMARY

	Site Name	Site Address	Zip	Database(s)
0	UNKNOWN	C/O EDWARDS & WASSON	45208	OH LUST

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

To maintain currency of the following federal and state databases, EDR contacts the appropriate governmental agency on a monthly or quarterly basis, as required.

Number of Days to Update: Provides confirmation that EDR is reporting records that have been updated within 90 days from the date the government agency made the information available to the public.

STANDARD ENVIRONMENTAL RECORDS

Federal NPL site list

NPL: National Priority List

National Priorities List (Superfund). The NPL is a subset of CERCLIS and identifies over 1,200 sites for priority cleanup under the Superfund Program. NPL sites may encompass relatively large areas. As such, EDR provides polygon coverage for over 1,000 NPL site boundaries produced by EPA's Environmental Photographic Interpretation Center (EPIC) and regional EPA offices.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 11/11/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/20/2014
	Data Release Frequency: Quarterly

NPL Site Boundaries

Sources:

EPA's Environmental Photographic Interpretation Center (EPIC)
Telephone: 202-564-7333

EPA Region 1
Telephone 617-918-1143

EPA Region 6
Telephone: 214-655-6659

EPA Region 3
Telephone 215-814-5418

EPA Region 7
Telephone: 913-551-7247

EPA Region 4
Telephone 404-562-8033

EPA Region 8
Telephone: 303-312-6774

EPA Region 5
Telephone 312-886-6686

EPA Region 9
Telephone: 415-947-4246

EPA Region 10
Telephone 206-553-8665

Proposed NPL: Proposed National Priority List Sites

A site that has been proposed for listing on the National Priorities List through the issuance of a proposed rule in the Federal Register. EPA then accepts public comments on the site, responds to the comments, and places on the NPL those sites that continue to meet the requirements for listing.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 11/11/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/20/2014
	Data Release Frequency: Quarterly

NPL LIENS: Federal Superfund Liens

Federal Superfund Liens. Under the authority granted the USEPA by CERCLA of 1980, the USEPA has the authority to file liens against real property in order to recover remedial action expenditures or when the property owner received notification of potential liability. USEPA compiles a listing of filed notices of Superfund Liens.

Date of Government Version: 10/15/1991	Source: EPA
Date Data Arrived at EDR: 02/02/1994	Telephone: 202-564-4267
Date Made Active in Reports: 03/30/1994	Last EDR Contact: 08/15/2011
Number of Days to Update: 56	Next Scheduled EDR Contact: 11/28/2011
	Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal Delisted NPL site list

DELISTED NPL: National Priority List Deletions

The National Oil and Hazardous Substances Pollution Contingency Plan (NCP) establishes the criteria that the EPA uses to delete sites from the NPL. In accordance with 40 CFR 300.425.(e), sites may be deleted from the NPL where no further response is appropriate.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/09/2013	Telephone: N/A
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 11/11/2013
Number of Days to Update: 62	Next Scheduled EDR Contact: 01/20/2014
	Data Release Frequency: Quarterly

Federal CERCLIS list

CERCLIS: Comprehensive Environmental Response, Compensation, and Liability Information System

CERCLIS contains data on potentially hazardous waste sites that have been reported to the USEPA by states, municipalities, private companies and private persons, pursuant to Section 103 of the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA). CERCLIS contains sites which are either proposed to or on the National Priorities List (NPL) and sites which are in the screening and assessment phase for possible inclusion on the NPL.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 11/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

FEDERAL FACILITY: Federal Facility Site Information listing

A listing of National Priority List (NPL) and Base Realignment and Closure (BRAC) sites found in the Comprehensive Environmental Response, Compensation and Liability Information System (CERCLIS) Database where EPA Federal Facilities Restoration and Reuse Office is involved in cleanup activities.

Date of Government Version: 07/31/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2012	Telephone: 703-603-8704
Date Made Active in Reports: 12/20/2012	Last EDR Contact: 10/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/20/2014
	Data Release Frequency: Varies

Federal CERCLIS NFRAP site List

CERCLIS-NFRAP: CERCLIS No Further Remedial Action Planned

Archived sites are sites that have been removed and archived from the inventory of CERCLIS sites. Archived status indicates that, to the best of EPA's knowledge, assessment at a site has been completed and that EPA has determined no further steps will be taken to list this site on the National Priorities List (NPL), unless information indicates this decision was not appropriate or other considerations require a recommendation for listing at a later time. This decision does not necessarily mean that there is no hazard associated with a given site; it only means that, based upon available information, the location is not judged to be a potential NPL site.

Date of Government Version: 04/26/2013	Source: EPA
Date Data Arrived at EDR: 05/29/2013	Telephone: 703-412-9810
Date Made Active in Reports: 08/09/2013	Last EDR Contact: 11/11/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

Federal RCRA CORRACTS facilities list

CORRACTS: Corrective Action Report

CORRACTS identifies hazardous waste handlers with RCRA corrective action activity.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: EPA
Telephone: 800-424-9346
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

Federal RCRA non-CORRACTS TSD facilities list

RCRA-TSDF: RCRA - Treatment, Storage and Disposal

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Transporters are individuals or entities that move hazardous waste from the generator offsite to a facility that can recycle, treat, store, or dispose of the waste. TSDFs treat, store, or dispose of the waste.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

Federal RCRA generators list

RCRA-LQG: RCRA - Large Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Large quantity generators (LQGs) generate over 1,000 kilograms (kg) of hazardous waste, or over 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

RCRA-SQG: RCRA - Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Small quantity generators (SQGs) generate between 100 kg and 1,000 kg of hazardous waste per month.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Quarterly

RCRA-CESQG: RCRA - Conditionally Exempt Small Quantity Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Conditionally exempt small quantity generators (CESQGs) generate less than 100 kg of hazardous waste, or less than 1 kg of acutely hazardous waste per month.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Federal institutional controls / engineering controls registries

US ENG CONTROLS: Engineering Controls Sites List

A listing of sites with engineering controls in place. Engineering controls include various forms of caps, building foundations, liners, and treatment methods to create pathway elimination for regulated substances to enter environmental media or effect human health.

Date of Government Version: 06/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2013	Telephone: 703-603-0695
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 104	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Varies

US INST CONTROL: Sites with Institutional Controls

A listing of sites with institutional controls in place. Institutional controls include administrative measures, such as groundwater use restrictions, construction restrictions, property use restrictions, and post remediation care requirements intended to prevent exposure to contaminants remaining on site. Deed restrictions are generally required as part of the institutional controls.

Date of Government Version: 06/17/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 06/21/2013	Telephone: 703-603-0695
Date Made Active in Reports: 10/03/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 104	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Varies

LUCIS: Land Use Control Information System

LUCIS contains records of land use control information pertaining to the former Navy Base Realignment and Closure properties.

Date of Government Version: 08/20/2013	Source: Department of the Navy
Date Data Arrived at EDR: 08/23/2013	Telephone: 843-820-7326
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 11/18/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Varies

Federal ERNS list

ERNS: Emergency Response Notification System

Emergency Response Notification System. ERNS records and stores information on reported releases of oil and hazardous substances.

Date of Government Version: 12/31/2012	Source: National Response Center, United States Coast Guard
Date Data Arrived at EDR: 01/17/2013	Telephone: 202-267-2180
Date Made Active in Reports: 02/15/2013	Last EDR Contact: 10/01/2013
Number of Days to Update: 29	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Annually

State- and tribal - equivalent CERCLIS

SHWS: This state does not maintain a SHWS list. See the Federal CERCLIS list and Federal NPL list.

State Hazardous Waste Sites. State hazardous waste site records are the states' equivalent to CERCLIS. These sites may or may not already be listed on the federal CERCLIS list. Priority sites planned for cleanup using state funds (state equivalent of Superfund) are identified along with sites where cleanup will be paid for by potentially responsible parties. Available information varies by state.

Date of Government Version: N/A	Source: Ohio EPA
Date Data Arrived at EDR: N/A	Telephone: 614-644-2924
Date Made Active in Reports: N/A	Last EDR Contact: 11/08/2013
Number of Days to Update: N/A	Next Scheduled EDR Contact: 02/24/2014
	Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

DERR: Division of Emergency & Remedial Response's Database

The DERR listings contains sites from all of Ohio that are in the Division of Environmental Response and Revitalization (DERR) database, which is an index of sites for which our district offices maintain files. The database is NOT a record of contaminated sites or sites suspected of contamination. Not all sites in the database are contaminated, and a site's absence from the database does not imply that it is uncontaminated.

Date of Government Version: 08/14/2013	Source: Ohio EPA
Date Data Arrived at EDR: 08/16/2013	Telephone: 614-644-3538
Date Made Active in Reports: 09/23/2013	Last EDR Contact: 11/25/2013
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/24/2014
	Data Release Frequency: Semi-Annually

State and tribal landfill and/or solid waste disposal site lists

SWF/LF: Licensed Solid Waste Facilities

Solid Waste Facilities/Landfill Sites. SWF/LF type records typically contain an inventory of solid waste disposal facilities or landfills in a particular state. Depending on the state, these may be active or inactive facilities or open dumps that failed to meet RCRA Subtitle D Section 4004 criteria for solid waste landfills or disposal sites.

Date of Government Version: 07/22/2013	Source: Ohio Environmental Protection Agency
Date Data Arrived at EDR: 07/24/2013	Telephone: 614-644-2621
Date Made Active in Reports: 09/23/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 61	Next Scheduled EDR Contact: 01/27/2014
	Data Release Frequency: Annually

State and tribal leaking storage tank lists

LUST: Leaking Underground Storage Tank File

Leaking Underground Storage Tank Incident Reports. LUST records contain an inventory of reported leaking underground storage tank incidents. Not all states maintain these records, and the information stored varies by state.

Date of Government Version: 08/18/2013	Source: Department of Commerce
Date Data Arrived at EDR: 08/20/2013	Telephone: 614-752-8200
Date Made Active in Reports: 09/23/2013	Last EDR Contact: 11/22/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Quarterly

UNREG LTANKS: Ohio Leaking UST File

A suspected or confirmed release of petroleum from a non-regulated UST.

Date of Government Version: 08/25/1999	Source: Department of Commerce
Date Data Arrived at EDR: 08/19/2003	Telephone: 614-752-7938
Date Made Active in Reports: 08/26/2003	Last EDR Contact: 08/01/2003
Number of Days to Update: 7	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

INDIAN LUST R10: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Alaska, Idaho, Oregon and Washington.

Date of Government Version: 07/29/2013	Source: EPA Region 10
Date Data Arrived at EDR: 07/30/2013	Telephone: 206-553-2857
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 94	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Quarterly

INDIAN LUST R9: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Arizona, California, New Mexico and Nevada

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 03/01/2013
Date Data Arrived at EDR: 03/01/2013
Date Made Active in Reports: 04/12/2013
Number of Days to Update: 42

Source: Environmental Protection Agency
Telephone: 415-972-3372
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

INDIAN LUST R5: Leaking Underground Storage Tanks on Indian Land

Leaking underground storage tanks located on Indian Land in Michigan, Minnesota and Wisconsin.

Date of Government Version: 08/20/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 70

Source: EPA, Region 5
Telephone: 312-886-7439
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INDIAN LUST R1: Leaking Underground Storage Tanks on Indian Land

A listing of leaking underground storage tank locations on Indian Land.

Date of Government Version: 02/01/2013
Date Data Arrived at EDR: 05/01/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 184

Source: EPA Region 1
Telephone: 617-918-1313
Last EDR Contact: 11/01/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INDIAN LUST R4: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Florida, Mississippi and North Carolina.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 08/02/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 91

Source: EPA Region 4
Telephone: 404-562-8677
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Semi-Annually

INDIAN LUST R6: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in New Mexico and Oklahoma.

Date of Government Version: 09/12/2011
Date Data Arrived at EDR: 09/13/2011
Date Made Active in Reports: 11/11/2011
Number of Days to Update: 59

Source: EPA Region 6
Telephone: 214-665-6597
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INDIAN LUST R7: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Iowa, Kansas, and Nebraska

Date of Government Version: 08/27/2013
Date Data Arrived at EDR: 08/27/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 66

Source: EPA Region 7
Telephone: 913-551-7003
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

INDIAN LUST R8: Leaking Underground Storage Tanks on Indian Land

LUSTs on Indian land in Colorado, Montana, North Dakota, South Dakota, Utah and Wyoming.

Date of Government Version: 08/27/2012
Date Data Arrived at EDR: 08/28/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 49

Source: EPA Region 8
Telephone: 303-312-6271
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Quarterly

State and tribal registered storage tank lists

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

UST: Underground Storage Tank File

Registered Underground Storage Tanks. UST's are regulated under Subtitle I of the Resource Conservation and Recovery Act (RCRA) and must be registered with the state department responsible for administering the UST program. Available information varies by state program.

Date of Government Version: 08/18/2013	Source: Department of Commerce
Date Data Arrived at EDR: 08/20/2013	Telephone: 614-752-8200
Date Made Active in Reports: 09/20/2013	Last EDR Contact: 11/22/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Quarterly

INDIAN UST R1: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 1 (Connecticut, Maine, Massachusetts, New Hampshire, Rhode Island, Vermont and ten Tribal Nations).

Date of Government Version: 09/28/2012	Source: EPA, Region 1
Date Data Arrived at EDR: 11/07/2012	Telephone: 617-918-1313
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 11/01/2014
Number of Days to Update: 156	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

INDIAN UST R4: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 4 (Alabama, Florida, Georgia, Kentucky, Mississippi, North Carolina, South Carolina, Tennessee and Tribal Nations)

Date of Government Version: 08/01/2013	Source: EPA Region 4
Date Data Arrived at EDR: 08/02/2013	Telephone: 404-562-9424
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 91	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Semi-Annually

INDIAN UST R5: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 5 (Michigan, Minnesota and Wisconsin and Tribal Nations).

Date of Government Version: 08/20/2013	Source: EPA Region 5
Date Data Arrived at EDR: 08/23/2013	Telephone: 312-886-6136
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 70	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

INDIAN UST R6: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 6 (Louisiana, Arkansas, Oklahoma, New Mexico, Texas and 65 Tribes).

Date of Government Version: 05/10/2011	Source: EPA Region 6
Date Data Arrived at EDR: 05/11/2011	Telephone: 214-665-7591
Date Made Active in Reports: 06/14/2011	Last EDR Contact: 10/28/2013
Number of Days to Update: 34	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Semi-Annually

INDIAN UST R7: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 7 (Iowa, Kansas, Missouri, Nebraska, and 9 Tribal Nations).

Date of Government Version: 12/31/2012	Source: EPA Region 7
Date Data Arrived at EDR: 02/28/2013	Telephone: 913-551-7003
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 43	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

INDIAN UST R8: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 8 (Colorado, Montana, North Dakota, South Dakota, Utah, Wyoming and 27 Tribal Nations).

Date of Government Version: 07/29/2013	Source: EPA Region 8
Date Data Arrived at EDR: 08/01/2013	Telephone: 303-312-6137
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 92	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Quarterly

INDIAN UST R10: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 10 (Alaska, Idaho, Oregon, Washington, and Tribal Nations).

Date of Government Version: 02/05/2013	Source: EPA Region 10
Date Data Arrived at EDR: 02/06/2013	Telephone: 206-553-2857
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 65	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Quarterly

INDIAN UST R9: Underground Storage Tanks on Indian Land

The Indian Underground Storage Tank (UST) database provides information about underground storage tanks on Indian land in EPA Region 9 (Arizona, California, Hawaii, Nevada, the Pacific Islands, and Tribal Nations).

Date of Government Version: 02/21/2013	Source: EPA Region 9
Date Data Arrived at EDR: 02/26/2013	Telephone: 415-972-3368
Date Made Active in Reports: 04/12/2013	Last EDR Contact: 10/28/2013
Number of Days to Update: 45	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Quarterly

FEMA UST: Underground Storage Tank Listing

A listing of all FEMA owned underground storage tanks.

Date of Government Version: 01/01/2010	Source: FEMA
Date Data Arrived at EDR: 02/16/2010	Telephone: 202-646-5797
Date Made Active in Reports: 04/12/2010	Last EDR Contact: 10/17/2013
Number of Days to Update: 55	Next Scheduled EDR Contact: 01/27/2014
	Data Release Frequency: Varies

State and tribal institutional control / engineering control registries

ENG CONTROLS: Sites with Engineering Controls

A database that tracks properties with engineering controls.

Date of Government Version: 08/14/2013	Source: Ohio EPA
Date Data Arrived at EDR: 08/16/2013	Telephone: 614-644-2306
Date Made Active in Reports: 09/23/2013	Last EDR Contact: 11/25/2013
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/24/2014
	Data Release Frequency: Semi-Annually

INST CONTROL: Sites with Institutional Engineering Controls

A database that tracks properties with institutional controls.

Date of Government Version: 08/14/2013	Source: Ohio Environmental Protection Agency
Date Data Arrived at EDR: 08/16/2013	Telephone: 614-644-2306
Date Made Active in Reports: 09/23/2013	Last EDR Contact: 11/25/2013
Number of Days to Update: 38	Next Scheduled EDR Contact: 02/24/2014
	Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

HIST ENG CONTROLS: Operation & Maintenance Agreements Database

Volunteers that complete a voluntary action that relies on the ongoing operation and maintenance (O&M) of an engineered control to make the site protective (e.g. cap systems and ground water treatment systems) must enter into a legally binding agreement with the Ohio EPA before the director issues a covenant not to sue. This O&M Agreement must describe how the remedy is constructed and how it will be monitored, maintained and repaired. It also lays out inspection opportunities for the agency. Companies must document that they have the financial capability to operate any remedy relied on, before the agency will agree to enter into the O&M Agreement. The statute requires that the agency be notified of any change in ownership. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005
Date Data Arrived at EDR: 04/04/2006
Date Made Active in Reports: 05/04/2006
Number of Days to Update: 30

Source: Ohio EPA
Telephone: 614-644-2306
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

HIST INST CONTROLS: Institutional Controls Database

"Institutional control" is a restriction that is recorded in the same manner as a deed which limits access to or use of the property such that exposure to hazardous substances or petroleum are effectively and reliably eliminated or mitigated. Examples of institutional controls include land and water use restrictions. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005
Date Data Arrived at EDR: 04/06/2006
Date Made Active in Reports: 05/04/2006
Number of Days to Update: 28

Source: Ohio EPA
Telephone: 614-644-2306
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

State and tribal voluntary cleanup sites

INDIAN VCP R1: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 1.

Date of Government Version: 09/28/2012
Date Data Arrived at EDR: 10/02/2012
Date Made Active in Reports: 10/16/2012
Number of Days to Update: 14

Source: EPA, Region 1
Telephone: 617-918-1102
Last EDR Contact: 10/01/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Varies

INDIAN VCP R7: Voluntary Cleanup Priority Listing

A listing of voluntary cleanup priority sites located on Indian Land located in Region 7.

Date of Government Version: 03/20/2008
Date Data Arrived at EDR: 04/22/2008
Date Made Active in Reports: 05/19/2008
Number of Days to Update: 27

Source: EPA, Region 7
Telephone: 913-551-7365
Last EDR Contact: 04/20/2009
Next Scheduled EDR Contact: 07/20/2009
Data Release Frequency: Varies

VCP: Voluntary Action Program Sites

Site involved in the Voluntary Action Program.

Date of Government Version: 08/14/2013
Date Data Arrived at EDR: 08/16/2013
Date Made Active in Reports: 09/23/2013
Number of Days to Update: 38

Source: Ohio EPA, Voluntary Action Program
Telephone: 614-728-1298
Last EDR Contact: 11/25/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Semi-Annually

State and tribal Brownfields sites

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

BROWNFIELDS: Ohio Brownfield Inventory

A statewide brownfields inventory. A brownfield is an abandoned, idled or under-used industrial or commercial property where expansion or redevelopment is complicated by known or potential releases of hazardous substances and/or petroleum.

Date of Government Version: 09/17/2013
Date Data Arrived at EDR: 09/18/2013
Date Made Active in Reports: 11/05/2013
Number of Days to Update: 48

Source: Ohio EPA
Telephone: 614-644-3748
Last EDR Contact: 09/18/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Varies

ADDITIONAL ENVIRONMENTAL RECORDS

Local Brownfield lists

US BROWNFIELDS: A Listing of Brownfields Sites

Brownfields are real property, the expansion, redevelopment, or reuse of which may be complicated by the presence or potential presence of a hazardous substance, pollutant, or contaminant. Cleaning up and reinvesting in these properties takes development pressures off of undeveloped, open land, and both improves and protects the environment. Assessment, Cleanup and Redevelopment Exchange System (ACRES) stores information reported by EPA Brownfields grant recipients on brownfields properties assessed or cleaned up with grant funding as well as information on Targeted Brownfields Assessments performed by EPA Regions. A listing of ACRES Brownfield sites is obtained from Cleanups in My Community. Cleanups in My Community provides information on Brownfields properties for which information is reported back to EPA, as well as areas served by Brownfields grant programs.

Date of Government Version: 06/24/2013
Date Data Arrived at EDR: 06/25/2013
Date Made Active in Reports: 08/09/2013
Number of Days to Update: 45

Source: Environmental Protection Agency
Telephone: 202-566-2777
Last EDR Contact: 09/24/2013
Next Scheduled EDR Contact: 01/08/2014
Data Release Frequency: Semi-Annually

Local Lists of Landfill / Solid Waste Disposal Sites

ODI: Open Dump Inventory

An open dump is defined as a disposal facility that does not comply with one or more of the Part 257 or Part 258 Subtitle D Criteria.

Date of Government Version: 06/30/1985
Date Data Arrived at EDR: 08/09/2004
Date Made Active in Reports: 09/17/2004
Number of Days to Update: 39

Source: Environmental Protection Agency
Telephone: 800-424-9346
Last EDR Contact: 06/09/2004
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

DEBRIS REGION 9: Torres Martinez Reservation Illegal Dump Site Locations

A listing of illegal dump sites location on the Torres Martinez Indian Reservation located in eastern Riverside County and northern Imperial County, California.

Date of Government Version: 01/12/2009
Date Data Arrived at EDR: 05/07/2009
Date Made Active in Reports: 09/21/2009
Number of Days to Update: 137

Source: EPA, Region 9
Telephone: 415-947-4219
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: No Update Planned

HIST LF: Old Solid Waste Landfill

A list of about 1200 old abandoned dumps or landfills. This database was developed from Ohio EPA staff notebooks and other information dating from the mid-1970s

Date of Government Version: 01/01/1980
Date Data Arrived at EDR: 07/01/2003
Date Made Active in Reports: 07/17/2003
Number of Days to Update: 16

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 06/26/2003
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SWRCY: Recycling Facility Listing

A listing of recycling facility locations.

Date of Government Version: 01/14/2013
Date Data Arrived at EDR: 01/15/2013
Date Made Active in Reports: 03/19/2013
Number of Days to Update: 63

Source: Ohio EPA
Telephone: 614-728-5357
Last EDR Contact: 10/28/2013
Next Scheduled EDR Contact: 01/27/2014
Data Release Frequency: Varies

INDIAN ODI: Report on the Status of Open Dumps on Indian Lands

Location of open dumps on Indian land.

Date of Government Version: 12/31/1998
Date Data Arrived at EDR: 12/03/2007
Date Made Active in Reports: 01/24/2008
Number of Days to Update: 52

Source: Environmental Protection Agency
Telephone: 703-308-8245
Last EDR Contact: 11/04/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

Local Lists of Hazardous waste / Contaminated Sites

US CDL: Clandestine Drug Labs

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 08/06/2013
Date Data Arrived at EDR: 09/11/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 22

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 12/05/2013
Next Scheduled EDR Contact: 03/17/2014
Data Release Frequency: Quarterly

CDL: Clandestine Drug Lab Locations

A list of clandestine drug lab sites with environmental impact. This list is extracted from the SPILLS database based on the "product" type.

Date of Government Version: 08/21/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 09/23/2013
Number of Days to Update: 31

Source: Ohio EPA
Telephone: 614-644-2080
Last EDR Contact: 11/11/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Varies

US HIST CDL: National Clandestine Laboratory Register

A listing of clandestine drug lab locations. The U.S. Department of Justice ("the Department") provides this web site as a public service. It contains addresses of some locations where law enforcement agencies reported they found chemicals or other items that indicated the presence of either clandestine drug laboratories or dumpsites. In most cases, the source of the entries is not the Department, and the Department has not verified the entry and does not guarantee its accuracy. Members of the public must verify the accuracy of all entries by, for example, contacting local law enforcement and local health departments.

Date of Government Version: 09/01/2007
Date Data Arrived at EDR: 11/19/2008
Date Made Active in Reports: 03/30/2009
Number of Days to Update: 131

Source: Drug Enforcement Administration
Telephone: 202-307-1000
Last EDR Contact: 03/23/2009
Next Scheduled EDR Contact: 06/22/2009
Data Release Frequency: No Update Planned

Local Lists of Registered Storage Tanks

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ARCHIVE UST: Archived Underground Storage Tank Sites

Underground storage tank records that have been removed from the Underground Storage Tank database.

Date of Government Version: 08/18/2013
Date Data Arrived at EDR: 08/20/2013
Date Made Active in Reports: 09/23/2013
Number of Days to Update: 34

Source: Department of Commerce, Division of State Fire Marshal
Telephone: 614-752-7938
Last EDR Contact: 11/22/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Quarterly

Local Land Records

LIENS 2: CERCLA Lien Information

A Federal CERCLA ('Superfund') lien can exist by operation of law at any site or property at which EPA has spent Superfund monies. These monies are spent to investigate and address releases and threatened releases of contamination. CERCLIS provides information as to the identity of these sites and properties.

Date of Government Version: 02/06/2013
Date Data Arrived at EDR: 04/25/2013
Date Made Active in Reports: 05/10/2013
Number of Days to Update: 15

Source: Environmental Protection Agency
Telephone: 202-564-6023
Last EDR Contact: 11/13/2013
Next Scheduled EDR Contact: 02/11/2014
Data Release Frequency: Varies

Records of Emergency Release Reports

HMIRS: Hazardous Materials Information Reporting System

Hazardous Materials Incident Report System. HMIRS contains hazardous material spill incidents reported to DOT.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 55

Source: U.S. Department of Transportation
Telephone: 202-366-4555
Last EDR Contact: 10/01/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Annually

SPILLS: Emergency Response Database

Incidents reported to the Emergency Response Unit. The focus of the ER program is to minimize the impact on the environment from accidental releases, spills, and unauthorized discharges from any fixed or mobile sources. Incidents involving petroleum products, hazardous materials, hazardous waste, abandoned drums, or other materials which may pose as a pollution threat to the state's water, land, or air should be reported immediately. Not all incidents included in the database are actual SPILLS, they can simply be reported incidents.

Date of Government Version: 08/21/2013
Date Data Arrived at EDR: 08/23/2013
Date Made Active in Reports: 09/23/2013
Number of Days to Update: 31

Source: Ohio EPA
Telephone: 614-644-2084
Last EDR Contact: 11/11/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Varies

SPILLS 80: SPILLS80 data from FirstSearch

Spills 80 includes those spill and release records available from FirstSearch databases prior to 1990. Typically, they may include chemical, oil and/or hazardous substance spills recorded before 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 80.

Date of Government Version: 04/24/2004
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 03/01/2013
Number of Days to Update: 57

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

SPILLS 90: SPILLS90 data from FirstSearch

Spills 90 includes those spill and release records available exclusively from FirstSearch databases. Typically, they may include chemical, oil and/or hazardous substance spills recorded after 1990. Duplicate records that are already included in EDR incident and release records are not included in Spills 90.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 09/13/2012
Date Data Arrived at EDR: 01/03/2013
Date Made Active in Reports: 02/27/2013
Number of Days to Update: 55

Source: FirstSearch
Telephone: N/A
Last EDR Contact: 01/03/2013
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

Other Ascertainable Records

RCRA NonGen / NLR: RCRA - Non Generators

RCRAInfo is EPA's comprehensive information system, providing access to data supporting the Resource Conservation and Recovery Act (RCRA) of 1976 and the Hazardous and Solid Waste Amendments (HSWA) of 1984. The database includes selective information on sites which generate, transport, store, treat and/or dispose of hazardous waste as defined by the Resource Conservation and Recovery Act (RCRA). Non-Generators do not presently generate hazardous waste.

Date of Government Version: 07/11/2013
Date Data Arrived at EDR: 08/08/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 36

Source: Environmental Protection Agency
Telephone: 312-886-6186
Last EDR Contact: 10/02/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Varies

DOT OPS: Incident and Accident Data

Department of Transportation, Office of Pipeline Safety Incident and Accident data.

Date of Government Version: 07/31/2012
Date Data Arrived at EDR: 08/07/2012
Date Made Active in Reports: 09/18/2012
Number of Days to Update: 42

Source: Department of Transportation, Office of Pipeline Safety
Telephone: 202-366-4595
Last EDR Contact: 11/06/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Varies

DOD: Department of Defense Sites

This data set consists of federally owned or administered lands, administered by the Department of Defense, that have any area equal to or greater than 640 acres of the United States, Puerto Rico, and the U.S. Virgin Islands.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 11/10/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 62

Source: USGS
Telephone: 888-275-8747
Last EDR Contact: 10/18/2013
Next Scheduled EDR Contact: 01/27/2014
Data Release Frequency: Semi-Annually

FUDS: Formerly Used Defense Sites

The listing includes locations of Formerly Used Defense Sites properties where the US Army Corps of Engineers is actively working or will take necessary cleanup actions.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 02/26/2013
Date Made Active in Reports: 03/13/2013
Number of Days to Update: 15

Source: U.S. Army Corps of Engineers
Telephone: 202-528-4285
Last EDR Contact: 09/10/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Varies

CONSENT: Superfund (CERCLA) Consent Decrees

Major legal settlements that establish responsibility and standards for cleanup at NPL (Superfund) sites. Released periodically by United States District Courts after settlement by parties to litigation matters.

Date of Government Version: 06/30/2013
Date Data Arrived at EDR: 08/07/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 57

Source: Department of Justice, Consent Decree Library
Telephone: Varies
Last EDR Contact: 09/30/2013
Next Scheduled EDR Contact: 01/13/2014
Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

ROD: Records Of Decision

Record of Decision. ROD documents mandate a permanent remedy at an NPL (Superfund) site containing technical and health information to aid in the cleanup.

Date of Government Version: 04/26/2013
Date Data Arrived at EDR: 06/11/2013
Date Made Active in Reports: 11/01/2013
Number of Days to Update: 143

Source: EPA
Telephone: 703-416-0223
Last EDR Contact: 09/13/2013
Next Scheduled EDR Contact: 12/23/2013
Data Release Frequency: Annually

UMTRA: Uranium Mill Tailings Sites

Uranium ore was mined by private companies for federal government use in national defense programs. When the mills shut down, large piles of the sand-like material (mill tailings) remain after uranium has been extracted from the ore. Levels of human exposure to radioactive materials from the piles are low; however, in some cases tailings were used as construction materials before the potential health hazards of the tailings were recognized.

Date of Government Version: 09/14/2010
Date Data Arrived at EDR: 10/07/2011
Date Made Active in Reports: 03/01/2012
Number of Days to Update: 146

Source: Department of Energy
Telephone: 505-845-0011
Last EDR Contact: 11/26/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Varies

US MINES: Mines Master Index File

Contains all mine identification numbers issued for mines active or opened since 1971. The data also includes violation information.

Date of Government Version: 08/01/2013
Date Data Arrived at EDR: 09/05/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 28

Source: Department of Labor, Mine Safety and Health Administration
Telephone: 303-231-5959
Last EDR Contact: 09/05/2013
Next Scheduled EDR Contact: 12/16/2013
Data Release Frequency: Semi-Annually

TRIS: Toxic Chemical Release Inventory System

Toxic Release Inventory System. TRIS identifies facilities which release toxic chemicals to the air, water and land in reportable quantities under SARA Title III Section 313.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/31/2013
Date Made Active in Reports: 09/13/2013
Number of Days to Update: 44

Source: EPA
Telephone: 202-566-0250
Last EDR Contact: 11/27/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Annually

TSCA: Toxic Substances Control Act

Toxic Substances Control Act. TSCA identifies manufacturers and importers of chemical substances included on the TSCA Chemical Substance Inventory list. It includes data on the production volume of these substances by plant site.

Date of Government Version: 12/31/2006
Date Data Arrived at EDR: 09/29/2010
Date Made Active in Reports: 12/02/2010
Number of Days to Update: 64

Source: EPA
Telephone: 202-260-5521
Last EDR Contact: 09/24/2013
Next Scheduled EDR Contact: 01/08/2014
Data Release Frequency: Every 4 Years

FTTS: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)

FTTS tracks administrative cases and pesticide enforcement actions and compliance activities related to FIFRA, TSCA and EPCRA (Emergency Planning and Community Right-to-Know Act). To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 04/09/2009
Date Data Arrived at EDR: 04/16/2009
Date Made Active in Reports: 05/11/2009
Number of Days to Update: 25

Source: EPA/Office of Prevention, Pesticides and Toxic Substances
Telephone: 202-566-1667
Last EDR Contact: 11/21/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

FTTS INSP: FIFRA/ TSCA Tracking System - FIFRA (Federal Insecticide, Fungicide, & Rodenticide Act)/TSCA (Toxic Substances Control Act)
A listing of FIFRA/TSCA Tracking System (FTTS) inspections and enforcements.

Date of Government Version: 04/09/2009	Source: EPA
Date Data Arrived at EDR: 04/16/2009	Telephone: 202-566-1667
Date Made Active in Reports: 05/11/2009	Last EDR Contact: 11/21/2014
Number of Days to Update: 25	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Quarterly

HIST FTTS: FIFRA/TSCA Tracking System Administrative Case Listing

A complete administrative case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2007
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

HIST FTTS INSP: FIFRA/TSCA Tracking System Inspection & Enforcement Case Listing

A complete inspection and enforcement case listing from the FIFRA/TSCA Tracking System (FTTS) for all ten EPA regions. The information was obtained from the National Compliance Database (NCDB). NCDB supports the implementation of FIFRA (Federal Insecticide, Fungicide, and Rodenticide Act) and TSCA (Toxic Substances Control Act). Some EPA regions are now closing out records. Because of that, and the fact that some EPA regions are not providing EPA Headquarters with updated records, it was decided to create a HIST FTTS database. It included records that may not be included in the newer FTTS database updates. This database is no longer updated.

Date of Government Version: 10/19/2006	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/01/2007	Telephone: 202-564-2501
Date Made Active in Reports: 04/10/2007	Last EDR Contact: 12/17/2008
Number of Days to Update: 40	Next Scheduled EDR Contact: 03/17/2008
	Data Release Frequency: No Update Planned

SSTS: Section 7 Tracking Systems

Section 7 of the Federal Insecticide, Fungicide and Rodenticide Act, as amended (92 Stat. 829) requires all registered pesticide-producing establishments to submit a report to the Environmental Protection Agency by March 1st each year. Each establishment must report the types and amounts of pesticides, active ingredients and devices being produced, and those having been produced and sold or distributed in the past year.

Date of Government Version: 12/31/2009	Source: EPA
Date Data Arrived at EDR: 12/10/2010	Telephone: 202-564-4203
Date Made Active in Reports: 02/25/2011	Last EDR Contact: 10/28/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Annually

ICIS: Integrated Compliance Information System

The Integrated Compliance Information System (ICIS) supports the information needs of the national enforcement and compliance program as well as the unique needs of the National Pollutant Discharge Elimination System (NPDES) program.

Date of Government Version: 07/20/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 11/10/2011	Telephone: 202-564-5088
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 10/09/2014
Number of Days to Update: 61	Next Scheduled EDR Contact: 01/27/2014
	Data Release Frequency: Quarterly

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

PADS: PCB Activity Database System

PCB Activity Database. PADS Identifies generators, transporters, commercial storers and/or brokers and disposers of PCB's who are required to notify the EPA of such activities.

Date of Government Version: 06/01/2013	Source: EPA
Date Data Arrived at EDR: 07/17/2013	Telephone: 202-566-0500
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/18/2013
Number of Days to Update: 107	Next Scheduled EDR Contact: 01/27/2014
	Data Release Frequency: Annually

MLTS: Material Licensing Tracking System

MLTS is maintained by the Nuclear Regulatory Commission and contains a list of approximately 8,100 sites which possess or use radioactive materials and which are subject to NRC licensing requirements. To maintain currency, EDR contacts the Agency on a quarterly basis.

Date of Government Version: 07/22/2013	Source: Nuclear Regulatory Commission
Date Data Arrived at EDR: 08/02/2013	Telephone: 301-415-7169
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 09/10/2013
Number of Days to Update: 91	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Quarterly

RADINFO: Radiation Information Database

The Radiation Information Database (RADINFO) contains information about facilities that are regulated by U.S. Environmental Protection Agency (EPA) regulations for radiation and radioactivity.

Date of Government Version: 09/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/09/2013	Telephone: 202-343-9775
Date Made Active in Reports: 11/01/2013	Last EDR Contact: 10/09/2013
Number of Days to Update: 23	Next Scheduled EDR Contact: 01/20/2014
	Data Release Frequency: Quarterly

FINDS: Facility Index System/Facility Registry System

Facility Index System. FINDS contains both facility information and 'pointers' to other sources that contain more detail. EDR includes the following FINDS databases in this report: PCS (Permit Compliance System), AIRS (Aerometric Information Retrieval System), DOCKET (Enforcement Docket used to manage and track information on civil judicial enforcement cases for all environmental statutes), FURS (Federal Underground Injection Control), C-DOCKET (Criminal Docket System used to track criminal enforcement actions for all environmental statutes), FFIS (Federal Facilities Information System), STATE (State Environmental Laws and Statutes), and PADS (PCB Activity Data System).

Date of Government Version: 03/08/2013	Source: EPA
Date Data Arrived at EDR: 03/21/2013	Telephone: (312) 353-2000
Date Made Active in Reports: 07/10/2013	Last EDR Contact: 09/11/2013
Number of Days to Update: 111	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Quarterly

RAATS: RCRA Administrative Action Tracking System

RCRA Administration Action Tracking System. RAATS contains records based on enforcement actions issued under RCRA pertaining to major violators and includes administrative and civil actions brought by the EPA. For administration actions after September 30, 1995, data entry in the RAATS database was discontinued. EPA will retain a copy of the database for historical records. It was necessary to terminate RAATS because a decrease in agency resources made it impossible to continue to update the information contained in the database.

Date of Government Version: 04/17/1995	Source: EPA
Date Data Arrived at EDR: 07/03/1995	Telephone: 202-564-4104
Date Made Active in Reports: 08/07/1995	Last EDR Contact: 06/02/2008
Number of Days to Update: 35	Next Scheduled EDR Contact: 09/01/2008
	Data Release Frequency: No Update Planned

RMP: Risk Management Plans

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

When Congress passed the Clean Air Act Amendments of 1990, it required EPA to publish regulations and guidance for chemical accident prevention at facilities using extremely hazardous substances. The Risk Management Program Rule (RMP Rule) was written to implement Section 112(r) of these amendments. The rule, which built upon existing industry codes and standards, requires companies of all sizes that use certain flammable and toxic substances to develop a Risk Management Program, which includes a(n): Hazard assessment that details the potential effects of an accidental release, an accident history of the last five years, and an evaluation of worst-case and alternative accidental releases; Prevention program that includes safety precautions and maintenance, monitoring, and employee training measures; and Emergency response program that spells out emergency health care, employee training measures and procedures for informing the public and response agencies (e.g the fire department) should an accident occur.

Date of Government Version: 05/08/2012	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/25/2012	Telephone: 202-564-8600
Date Made Active in Reports: 07/10/2012	Last EDR Contact: 10/28/2013
Number of Days to Update: 46	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

BRS: Biennial Reporting System

The Biennial Reporting System is a national system administered by the EPA that collects data on the generation and management of hazardous waste. BRS captures detailed data from two groups: Large Quantity Generators (LQG) and Treatment, Storage, and Disposal Facilities.

Date of Government Version: 12/31/2011	Source: EPA/NTIS
Date Data Arrived at EDR: 02/26/2013	Telephone: 800-424-9346
Date Made Active in Reports: 04/19/2013	Last EDR Contact: 11/25/2013
Number of Days to Update: 52	Next Scheduled EDR Contact: 03/10/2014
	Data Release Frequency: Biennially

TOWNGAS: DERR Towngas Database

The database includes 82 very old sites (circa 1895) which produced gas from coal for street lighting. Most visual evidence of these sites has disappeared, however the potential for buried coal tar remains. The database is no longer in active use.

Date of Government Version: 07/28/1992	Source: Ohio EPA
Date Data Arrived at EDR: 02/21/2003	Telephone: 614-644-3749
Date Made Active in Reports: 03/05/2003	Last EDR Contact: 02/12/2003
Number of Days to Update: 12	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

UIC: Underground Injection Wells Listing

A listing of underground injection well locations.

Date of Government Version: 07/08/2013	Source: Ohio EPA
Date Data Arrived at EDR: 08/15/2013	Telephone: 614-644-2752
Date Made Active in Reports: 09/23/2013	Last EDR Contact: 11/15/2013
Number of Days to Update: 39	Next Scheduled EDR Contact: 02/24/2014
	Data Release Frequency: Varies

DRYCLEANERS: Drycleaner Facility Listing

A listing of drycleaner facility locations.

Date of Government Version: 10/10/2013	Source: Ohio EPA
Date Data Arrived at EDR: 10/16/2013	Telephone: 614-644-3469
Date Made Active in Reports: 11/05/2013	Last EDR Contact: 10/10/2013
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Varies

NPDES: NPDES General Permit List

General information regarding NPDES (National Pollutant Discharge Elimination System) permits.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: 08/12/2013
Date Data Arrived at EDR: 08/15/2013
Date Made Active in Reports: 09/23/2013
Number of Days to Update: 39

Source: Ohio EPA
Telephone: 614-644-2031
Last EDR Contact: 11/15/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Semi-Annually

AIRS: Title V Permits Listing

A listing of Title V Permits issued by the Division of Air Pollution Control. It is a federal operating permit program adopted and implemented by the state. The basic program elements typically specify that major sources will submit an operating application to the specified state environmental regulatory agency according to a schedule.

Date of Government Version: 10/23/2013
Date Data Arrived at EDR: 10/24/2013
Date Made Active in Reports: 11/05/2013
Number of Days to Update: 12

Source: Ohio EPA
Telephone: 614-644-2270
Last EDR Contact: 10/07/2013
Next Scheduled EDR Contact: 01/08/2014
Data Release Frequency: Varies

USD: Urban Setting Designation Sites

A USD may be requested for properties participating in the VAP when there is no current or future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety. If these USDs were to be approved, the ground water cleanup or response requirements for the areas could be lessened. The Ohio EPA director may approve a USD request based on a demonstration that the USD requirements are met and an evaluation of existing and future uses of ground water in the area. The Ohio EPA director's decision on approval or denial of the request is needed before cleanup requirements for the site can be determined.

Date of Government Version: 08/14/2013
Date Data Arrived at EDR: 08/16/2013
Date Made Active in Reports: 09/23/2013
Number of Days to Update: 38

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 11/25/2013
Next Scheduled EDR Contact: 02/24/2014
Data Release Frequency: Varies

HIST USD: Urban Setting Designations Database

A USD may be requested for properties participating in the VAP when there is no current or future use of the ground water by local residents for drinking, showering, bathing or cooking. In these areas, an approved USD would lower the cost of cleanup and promote economic redevelopment while still protecting public health and safety. If these USDs were to be approved, the ground water cleanup or response requirements for the areas could be lessened. The Ohio EPA director may approve a USD request based on a demonstration that the USD requirements are met and an evaluation of existing and future uses of ground water in the area. The Ohio EPA director's decision on approval or denial of the request is needed before cleanup requirements for the site can be determined. This database is no longer updated or maintained by the state agency.

Date of Government Version: 05/10/2005
Date Data Arrived at EDR: 04/25/2006
Date Made Active in Reports: 05/11/2006
Number of Days to Update: 16

Source: Ohio EPA
Telephone: 614-644-3749
Last EDR Contact: 06/02/2008
Next Scheduled EDR Contact: 09/01/2008
Data Release Frequency: No Update Planned

INDIAN RESERV: Indian Reservations

This map layer portrays Indian administered lands of the United States that have any area equal to or greater than 640 acres.

Date of Government Version: 12/31/2005
Date Data Arrived at EDR: 12/08/2006
Date Made Active in Reports: 01/11/2007
Number of Days to Update: 34

Source: USGS
Telephone: 202-208-3710
Last EDR Contact: 10/18/2013
Next Scheduled EDR Contact: 01/27/2014
Data Release Frequency: Semi-Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

SCRD DRYCLEANERS: State Coalition for Remediation of Drycleaners Listing

The State Coalition for Remediation of Drycleaners was established in 1998, with support from the U.S. EPA Office of Superfund Remediation and Technology Innovation. It is comprised of representatives of states with established drycleaner remediation programs. Currently the member states are Alabama, Connecticut, Florida, Illinois, Kansas, Minnesota, Missouri, North Carolina, Oregon, South Carolina, Tennessee, Texas, and Wisconsin.

Date of Government Version: 03/07/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/09/2011	Telephone: 615-532-8599
Date Made Active in Reports: 05/02/2011	Last EDR Contact: 11/18/2013
Number of Days to Update: 54	Next Scheduled EDR Contact: 02/03/2014
	Data Release Frequency: Varies

US FIN ASSUR: Financial Assurance Information

All owners and operators of facilities that treat, store, or dispose of hazardous waste are required to provide proof that they will have sufficient funds to pay for the clean up, closure, and post-closure care of their facilities.

Date of Government Version: 03/04/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 03/15/2013	Telephone: 202-566-1917
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 11/18/2013
Number of Days to Update: 56	Next Scheduled EDR Contact: 03/03/2014
	Data Release Frequency: Quarterly

PCB TRANSFORMER: PCB Transformer Registration Database

The database of PCB transformer registrations that includes all PCB registration submittals.

Date of Government Version: 02/01/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 10/19/2011	Telephone: 202-566-0517
Date Made Active in Reports: 01/10/2012	Last EDR Contact: 11/01/2013
Number of Days to Update: 83	Next Scheduled EDR Contact: 02/11/2014
	Data Release Frequency: Varies

COAL ASH: Coal Ash Disposal Site Listing

A listing of coal ash disposal site locations.

Date of Government Version: 02/07/2012	Source: Ohio EPA
Date Data Arrived at EDR: 02/17/2012	Telephone: 614-644-2134
Date Made Active in Reports: 03/28/2012	Last EDR Contact: 11/15/2013
Number of Days to Update: 40	Next Scheduled EDR Contact: 01/27/2014
	Data Release Frequency: Varies

CRO: Cessation of Regulated Operations Facility Listing

"Cessation of Regulated Operations" means the discontinuation or termination of regulated operations or the finalizing of any transaction or proceeding through which those operations are discontinued. "Regulated Operations" means the production, use, storage or handling of regulated substances.

Date of Government Version: 03/28/2013	Source: Ohio EPA
Date Data Arrived at EDR: 05/17/2013	Telephone: 614-644-3065
Date Made Active in Reports: 06/17/2013	Last EDR Contact: 11/11/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 02/24/2014
	Data Release Frequency: Varies

COAL ASH DOE: Steam-Electric Plan Operation Data

A listing of power plants that store ash in surface ponds.

Date of Government Version: 12/31/2005	Source: Department of Energy
Date Data Arrived at EDR: 08/07/2009	Telephone: 202-586-8719
Date Made Active in Reports: 10/22/2009	Last EDR Contact: 10/15/2013
Number of Days to Update: 76	Next Scheduled EDR Contact: 01/27/2014
	Data Release Frequency: Varies

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

COAL ASH EPA: Coal Combustion Residues Surface Impoundments List

A listing of coal combustion residues surface impoundments with high hazard potential ratings.

Date of Government Version: 08/17/2010	Source: Environmental Protection Agency
Date Data Arrived at EDR: 01/03/2011	Telephone: N/A
Date Made Active in Reports: 03/21/2011	Last EDR Contact: 09/13/2013
Number of Days to Update: 77	Next Scheduled EDR Contact: 12/23/2013
	Data Release Frequency: Varies

Financial Assurance: Financial Assurance Information Listing

Financial assurance information.

Date of Government Version: 10/11/2013	Source: Ohio EPA
Date Data Arrived at EDR: 10/16/2013	Telephone: 614-644-2955
Date Made Active in Reports: 11/05/2013	Last EDR Contact: 10/10/2013
Number of Days to Update: 20	Next Scheduled EDR Contact: 01/27/2014
	Data Release Frequency: Varies

LEAD SMELTER 1: Lead Smelter Sites

A listing of former lead smelter site locations.

Date of Government Version: 01/29/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 02/14/2013	Telephone: 703-603-8787
Date Made Active in Reports: 02/27/2013	Last EDR Contact: 09/24/2013
Number of Days to Update: 13	Next Scheduled EDR Contact: 01/20/2014
	Data Release Frequency: Varies

LEAD SMELTER 2: Lead Smelter Sites

A list of several hundred sites in the U.S. where secondary lead smelting was done from 1931 and 1964. These sites may pose a threat to public health through ingestion or inhalation of contaminated soil or dust

Date of Government Version: 04/05/2001	Source: American Journal of Public Health
Date Data Arrived at EDR: 10/27/2010	Telephone: 703-305-6451
Date Made Active in Reports: 12/02/2010	Last EDR Contact: 12/02/2009
Number of Days to Update: 36	Next Scheduled EDR Contact: N/A
	Data Release Frequency: No Update Planned

2020 COR ACTION: 2020 Corrective Action Program List

The EPA has set ambitious goals for the RCRA Corrective Action program by creating the 2020 Corrective Action Universe. This RCRA cleanup baseline includes facilities expected to need corrective action. The 2020 universe contains a wide variety of sites. Some properties are heavily contaminated while others were contaminated but have since been cleaned up. Still others have not been fully investigated yet, and may require little or no remediation. Inclusion in the 2020 Universe does not necessarily imply failure on the part of a facility to meet its RCRA obligations.

Date of Government Version: 11/11/2011	Source: Environmental Protection Agency
Date Data Arrived at EDR: 05/18/2012	Telephone: 703-308-4044
Date Made Active in Reports: 05/25/2012	Last EDR Contact: 11/15/2013
Number of Days to Update: 7	Next Scheduled EDR Contact: 02/24/2014
	Data Release Frequency: Varies

FEDLAND: Federal and Indian Lands

Federally and Indian administrated lands of the United States. Lands included are administrated by: Army Corps of Engineers, Bureau of Reclamation, National Wild and Scenic River, National Wildlife Refuge, Public Domain Land, Wilderness, Wilderness Study Area, Wildlife Management Area, Bureau of Indian Affairs, Bureau of Land Management, Department of Justice, Forest Service, Fish and Wildlife Service, National Park Service.

Date of Government Version: 12/31/2005	Source: U.S. Geological Survey
Date Data Arrived at EDR: 02/06/2006	Telephone: 888-275-8747
Date Made Active in Reports: 01/11/2007	Last EDR Contact: 10/18/2013
Number of Days to Update: 339	Next Scheduled EDR Contact: 01/27/2014
	Data Release Frequency: N/A

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

EPA WATCH LIST: EPA WATCH LIST

EPA maintains a "Watch List" to facilitate dialogue between EPA, state and local environmental agencies on enforcement matters relating to facilities with alleged violations identified as either significant or high priority. Being on the Watch List does not mean that the facility has actually violated the law only that an investigation by EPA or a state or local environmental agency has led those organizations to allege that an unproven violation has in fact occurred. Being on the Watch List does not represent a higher level of concern regarding the alleged violations that were detected, but instead indicates cases requiring additional dialogue between EPA, state and local agencies - primarily because of the length of time the alleged violation has gone unaddressed or unresolved.

Date of Government Version: 06/30/2013	Source: Environmental Protection Agency
Date Data Arrived at EDR: 08/13/2013	Telephone: 617-520-3000
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 11/15/2013
Number of Days to Update: 31	Next Scheduled EDR Contact: 02/24/2014
	Data Release Frequency: Quarterly

US AIRS (AFS): Aerometric Information Retrieval System Facility Subsystem (AFS)

The database is a sub-system of Aerometric Information Retrieval System (AIRS). AFS contains compliance data on air pollution point sources regulated by the U.S. EPA and/or state and local air regulatory agencies. This information comes from source reports by various stationary sources of air pollution, such as electric power plants, steel mills, factories, and universities, and provides information about the air pollutants they produce. Action, air program, air program pollutant, and general level plant data. It is used to track emissions and compliance data from industrial plants.

Date of Government Version: 01/23/2013	Source: EPA
Date Data Arrived at EDR: 01/30/2013	Telephone: 202-564-5962
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 09/30/2013
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Annually

US AIRS MINOR: Air Facility System Data

A listing of minor source facilities.

Date of Government Version: 01/23/2013	Source: EPA
Date Data Arrived at EDR: 01/30/2013	Telephone: 202-564-5962
Date Made Active in Reports: 05/10/2013	Last EDR Contact: 09/30/2013
Number of Days to Update: 100	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Annually

PRP: Potentially Responsible Parties

A listing of verified Potentially Responsible Parties

Date of Government Version: 04/15/2013	Source: EPA
Date Data Arrived at EDR: 07/03/2013	Telephone: 202-564-6023
Date Made Active in Reports: 09/13/2013	Last EDR Contact: 10/04/2013
Number of Days to Update: 72	Next Scheduled EDR Contact: 01/13/2014
	Data Release Frequency: Quarterly

EDR HIGH RISK HISTORICAL RECORDS

EDR Exclusive Records

EDR MGP: EDR Proprietary Manufactured Gas Plants

The EDR Proprietary Manufactured Gas Plant Database includes records of coal gas plants (manufactured gas plants) compiled by EDR's researchers. Manufactured gas sites were used in the United States from the 1800's to 1950's to produce a gas that could be distributed and used as fuel. These plants used whale oil, rosin, coal, or a mixture of coal, oil, and water that also produced a significant amount of waste. Many of the byproducts of the gas production, such as coal tar (oily waste containing volatile and non-volatile chemicals), sludges, oils and other compounds are potentially hazardous to human health and the environment. The byproduct from this process was frequently disposed of directly at the plant site and can remain or spread slowly, serving as a continuous source of soil and groundwater contamination.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: No Update Planned

EDR US Hist Auto Stat: EDR Exclusive Historic Gas Stations

EDR has searched selected national collections of business directories and has collected listings of potential gas station/filling station/service station sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include gas station/filling station/service station establishments. The categories reviewed included, but were not limited to gas, gas station, gasoline station, filling station, auto, automobile repair, auto service station, service station, etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Exclusive Historic Dry Cleaners

EDR has searched selected national collections of business directories and has collected listings of potential dry cleaner sites that were available to EDR researchers. EDR's review was limited to those categories of sources that might, in EDR's opinion, include dry cleaning establishments. The categories reviewed included, but were not limited to dry cleaners, cleaners, laundry, laundromat, cleaning/laundry, wash & dry etc. This database falls within a category of information EDR classifies as "High Risk Historical Records", or HRHR. EDR's HRHR effort presents unique and sometimes proprietary data about past sites and operations that typically create environmental concerns, but may not show up in current government records searches.

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: EDR, Inc.
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Cleaners: EDR Proprietary Historic Dry Cleaners - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

EDR US Hist Auto Stat: EDR Proprietary Historic Gas Stations - Cole

Date of Government Version: N/A
Date Data Arrived at EDR: N/A
Date Made Active in Reports: N/A
Number of Days to Update: N/A

Source: N/A
Telephone: N/A
Last EDR Contact: N/A
Next Scheduled EDR Contact: N/A
Data Release Frequency: Varies

OTHER DATABASE(S)

Depending on the geographic area covered by this report, the data provided in these specialty databases may or may not be complete. For example, the existence of wetlands information data in a specific report does not mean that all wetlands in the area covered by the report are included. Moreover, the absence of any reported wetlands information does not necessarily mean that wetlands do not exist in the area covered by the report.

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

CT MANIFEST: Hazardous Waste Manifest Data

Facility and manifest data. Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a tsd facility.

Date of Government Version: 07/30/2013
Date Data Arrived at EDR: 08/19/2013
Date Made Active in Reports: 10/03/2013
Number of Days to Update: 45

Source: Department of Energy & Environmental Protection
Telephone: 860-424-3375
Last EDR Contact: 11/22/2013
Next Scheduled EDR Contact: 03/03/2014
Data Release Frequency: Annually

NJ MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2011
Date Data Arrived at EDR: 07/19/2012
Date Made Active in Reports: 08/28/2012
Number of Days to Update: 40

Source: Department of Environmental Protection
Telephone: N/A
Last EDR Contact: 10/18/2013
Next Scheduled EDR Contact: 01/27/2014
Data Release Frequency: Annually

NY MANIFEST: Facility and Manifest Data

Manifest is a document that lists and tracks hazardous waste from the generator through transporters to a TSD facility.

Date of Government Version: 11/01/2013
Date Data Arrived at EDR: 11/07/2013
Date Made Active in Reports: 11/18/2013
Number of Days to Update: 11

Source: Department of Environmental Conservation
Telephone: 518-402-8651
Last EDR Contact: 11/07/2013
Next Scheduled EDR Contact: 02/17/2014
Data Release Frequency: Annually

PA MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 07/24/2013
Date Made Active in Reports: 08/19/2013
Number of Days to Update: 26

Source: Department of Environmental Protection
Telephone: 717-783-8990
Last EDR Contact: 10/21/2013
Next Scheduled EDR Contact: 02/03/2014
Data Release Frequency: Annually

RI MANIFEST: Manifest information

Hazardous waste manifest information

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 06/21/2013
Date Made Active in Reports: 08/05/2013
Number of Days to Update: 45

Source: Department of Environmental Management
Telephone: 401-222-2797
Last EDR Contact: 11/25/2013
Next Scheduled EDR Contact: 03/10/2014
Data Release Frequency: Annually

VT MANIFEST: Hazardous Waste Manifest Data

Hazardous waste manifest information.

Date of Government Version: 05/01/2013
Date Data Arrived at EDR: 08/14/2013
Date Made Active in Reports: 09/20/2013
Number of Days to Update: 37

Source: Department of Environmental Conservation
Telephone: 802-241-3443
Last EDR Contact: 10/21/2013
Next Scheduled EDR Contact: 02/03/2014
Data Release Frequency: Annually

WI MANIFEST: Manifest Information

Hazardous waste manifest information.

Date of Government Version: 12/31/2012
Date Data Arrived at EDR: 08/09/2013
Date Made Active in Reports: 09/27/2013
Number of Days to Update: 49

Source: Department of Natural Resources
Telephone: N/A
Last EDR Contact: 09/16/2013
Next Scheduled EDR Contact: 12/30/2013
Data Release Frequency: Annually

GOVERNMENT RECORDS SEARCHED / DATA CURRENCY TRACKING

Oil/Gas Pipelines: This data was obtained by EDR from the USGS in 1994. It is referred to by USGS as GeoData Digital Line Graphs from 1:100,000-Scale Maps. It was extracted from the transportation category including some oil, but primarily gas pipelines.

Electric Power Transmission Line Data

Source: Rextag Strategies Corp.

Telephone: (281) 769-2247

U.S. Electric Transmission and Power Plants Systems Digital GIS Data

Sensitive Receptors: There are individuals deemed sensitive receptors due to their fragile immune systems and special sensitivity to environmental discharges. These sensitive receptors typically include the elderly, the sick, and children. While the location of all sensitive receptors cannot be determined, EDR indicates those buildings and facilities - schools, daycares, hospitals, medical centers, and nursing homes - where individuals who are sensitive receptors are likely to be located.

AHA Hospitals:

Source: American Hospital Association, Inc.

Telephone: 312-280-5991

The database includes a listing of hospitals based on the American Hospital Association's annual survey of hospitals.

Medical Centers: Provider of Services Listing

Source: Centers for Medicare & Medicaid Services

Telephone: 410-786-3000

A listing of hospitals with Medicare provider number, produced by Centers of Medicare & Medicaid Services, a federal agency within the U.S. Department of Health and Human Services.

Nursing Homes

Source: National Institutes of Health

Telephone: 301-594-6248

Information on Medicare and Medicaid certified nursing homes in the United States.

Public Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on elementary and secondary public education in the United States. It is a comprehensive, annual, national statistical database of all public elementary and secondary schools and school districts, which contains data that are comparable across all states.

Private Schools

Source: National Center for Education Statistics

Telephone: 202-502-7300

The National Center for Education Statistics' primary database on private school locations in the United States.

Daycare Centers: Licensed Child Day Care Facilities

Source: Department of Job & Family Services

Telephone: 614-466-6282

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 614-265-1044

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geological Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

STREET AND ADDRESS INFORMATION

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GEOCHECK[®] - PHYSICAL SETTING SOURCE ADDENDUM

TARGET PROPERTY ADDRESS

4590 BEECH STREET
4590 BEECH STREET
NORWOOD, OH 45212

TARGET PROPERTY COORDINATES

Latitude (North):	39.1589 - 39° 9' 32.04"
Longitude (West):	84.4429 - 84° 26' 34.44"
Universal Transverse Mercator:	Zone 16
UTM X (Meters):	720948.4
UTM Y (Meters):	4337316.5
Elevation:	622 ft. above sea level

USGS TOPOGRAPHIC MAP

Target Property Map:	39084-B4 CINCINNATI EAST, OH
Most Recent Revision:	1981

EDR's GeoCheck Physical Setting Source Addendum is provided to assist the environmental professional in forming an opinion about the impact of potential contaminant migration.

Assessment of the impact of contaminant migration generally has two principal investigative components:

1. Groundwater flow direction, and
2. Groundwater flow velocity.

Groundwater flow direction may be impacted by surface topography, hydrology, hydrogeology, characteristics of the soil, and nearby wells. Groundwater flow velocity is generally impacted by the nature of the geologic strata.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW DIRECTION INFORMATION

Groundwater flow direction for a particular site is best determined by a qualified environmental professional using site-specific well data. If such data is not reasonably ascertainable, it may be necessary to rely on other sources of information, such as surface topographic information, hydrologic information, hydrogeologic data collected on nearby properties, and regional groundwater flow information (from deep aquifers).

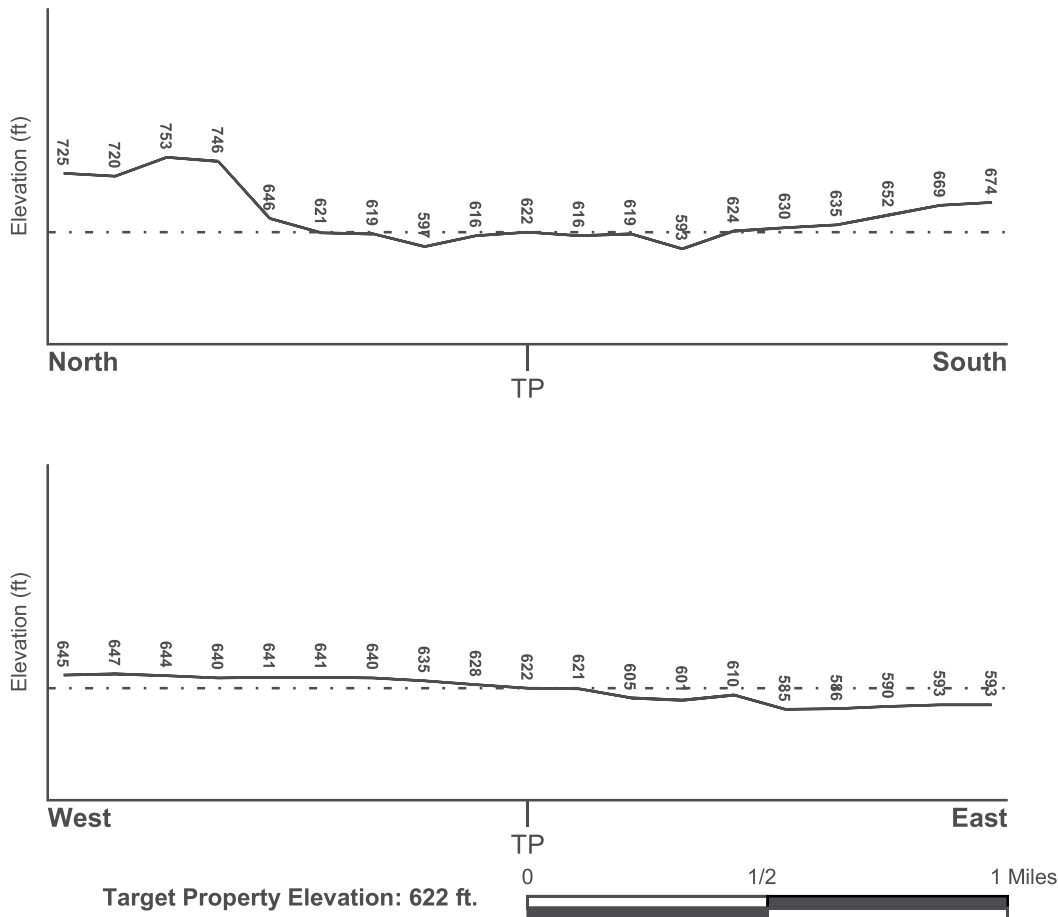
TOPOGRAPHIC INFORMATION

Surface topography may be indicative of the direction of surficial groundwater flow. This information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

TARGET PROPERTY TOPOGRAPHY

General Topographic Gradient: General East

SURROUNDING TOPOGRAPHY: ELEVATION PROFILES



Source: Topography has been determined from the USGS 7.5' Digital Elevation Model and should be evaluated on a relative (not an absolute) basis. Relative elevation information between sites of close proximity should be field verified.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

HYDROLOGIC INFORMATION

Surface water can act as a hydrologic barrier to groundwater flow. Such hydrologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

Refer to the Physical Setting Source Map following this summary for hydrologic information (major waterways and bodies of water).

FEMA FLOOD ZONE

<u>Target Property County</u>	<u>FEMA Flood</u>
HAMILTON, OH	<u>Electronic Data</u>
	YES - refer to the Overview Map and Detail Map
Flood Plain Panel at Target Property:	39061C - FEMA DFIRM Flood data
Additional Panels in search area:	Not Reported

NATIONAL WETLAND INVENTORY

<u>NWI Quad at Target Property</u>	<u>NWI Electronic</u>
CINCINNATI EAST	<u>Data Coverage</u>
	YES - refer to the Overview Map and Detail Map

HYDROGEOLOGIC INFORMATION

Hydrogeologic information obtained by installation of wells on a specific site can often be an indicator of groundwater flow direction in the immediate area. Such hydrogeologic information can be used to assist the environmental professional in forming an opinion about the impact of nearby contaminated properties or, should contamination exist on the target property, what downgradient sites might be impacted.

AQUIFLOW®

Search Radius: 1.000 Mile.

EDR has developed the AQUIFLOW Information System to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted by environmental professionals to regulatory authorities at select sites and has extracted the date of the report, groundwater flow direction as determined hydrogeologically, and the depth to water table.

<u>MAP ID</u>	<u>LOCATION</u> <u>FROM TP</u>	<u>GENERAL DIRECTION</u> <u>GROUNDWATER FLOW</u>
1	1/4 - 1/2 Mile SW	SE
3	1/4 - 1/2 Mile South	NNE
4	1/2 - 1 Mile West	N
5	1/2 - 1 Mile WNW	SE
8	1/2 - 1 Mile SE	E
9	1/2 - 1 Mile West	WNW
15	1/2 - 1 Mile WSW	E
16	1/2 - 1 Mile South	NE
17	1/2 - 1 Mile WNW	NW

For additional site information, refer to Physical Setting Source Map Findings.

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

GROUNDWATER FLOW VELOCITY INFORMATION

Groundwater flow velocity information for a particular site is best determined by a qualified environmental professional using site specific geologic and soil strata data. If such data are not reasonably ascertainable, it may be necessary to rely on other sources of information, including geologic age identification, rock stratigraphic unit and soil characteristics data collected on nearby properties and regional soil information. In general, contaminant plumes move more quickly through sandy-gravelly types of soils than silty-clayey types of soils.

GEOLOGIC INFORMATION IN GENERAL AREA OF TARGET PROPERTY

Geologic information can be used by the environmental professional in forming an opinion about the relative speed at which contaminant migration may be occurring.

ROCK STRATIGRAPHIC UNIT

Era: Paleozoic
System: Ordovician
Series: Upper Ordovician (Cincinnatian)
Code: O3 (decoded above as Era, System & Series)

GEOLOGIC AGE IDENTIFICATION

Category: Stratified Sequence

Geologic Age and Rock Stratigraphic Unit Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - a digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

DOMINANT SOIL COMPOSITION IN GENERAL AREA OF TARGET PROPERTY

The U.S. Department of Agriculture's (USDA) Soil Conservation Service (SCS) leads the National Cooperative Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps. The following information is based on Soil Conservation Service STATSGO data.

Soil Component Name: ROSSMOYNE

Soil Surface Texture: silt loam

Hydrologic Group: Class C - Slow infiltration rates. Soils with layers impeding downward movement of water, or soils with moderately fine or fine textures.

Soil Drainage Class: Moderately well drained. Soils have a layer of low hydraulic conductivity, wet state high in the profile. Depth to water table is 3 to 6 feet.

Hydric Status: Soil does not meet the requirements for a hydric soil.

Corrosion Potential - Uncoated Steel: HIGH

Depth to Bedrock Min: > 60 inches

Depth to Bedrock Max: > 60 inches

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

Soil Layer Information							
Layer	Boundary		Soil Texture Class	Classification		Permeability Rate (in/hr)	Soil Reaction (pH)
	Upper	Lower		AASHTO Group	Unified Soil		
1	0 inches	12 inches	silt loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Silty Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), silt.	Max: 2.00 Min: 0.60	Max: 7.30 Min: 4.50
2	12 inches	23 inches	silty clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 2.00 Min: 0.60	Max: 5.50 Min: 4.50
3	23 inches	56 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.06	Max: 5.50 Min: 4.50
4	56 inches	97 inches	clay loam	Silt-Clay Materials (more than 35 pct. passing No. 200), Clayey Soils.	FINE-GRAINED SOILS, Silts and Clays (liquid limit less than 50%), Lean Clay	Max: 0.60 Min: 0.06	Max: 8.40 Min: 5.60

OTHER SOIL TYPES IN AREA

Based on Soil Conservation Service STATSGO data, the following additional subordinant soil types may appear within the general area of target property.

Soil Surface Textures: silty clay loam
loam

Surficial Soil Types: silty clay loam
loam

Shallow Soil Types: clay loam
silt loam

Deeper Soil Types: weathered bedrock
stratified
sandy loam
sand and gravel

GEOCHECK® - PHYSICAL SETTING SOURCE SUMMARY

LOCAL / REGIONAL WATER AGENCY RECORDS

EDR Local/Regional Water Agency records provide water well information to assist the environmental professional in assessing sources that may impact ground water flow direction, and in forming an opinion about the impact of contaminant migration on nearby drinking water wells.

WELL SEARCH DISTANCE INFORMATION

<u>DATABASE</u>	<u>SEARCH DISTANCE (miles)</u>
Federal USGS	1.000
Federal FRDS PWS	Nearest PWS within 1 mile
State Database	1.000

FEDERAL USGS WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
No Wells Found		

FEDERAL FRDS PUBLIC WATER SUPPLY SYSTEM INFORMATION

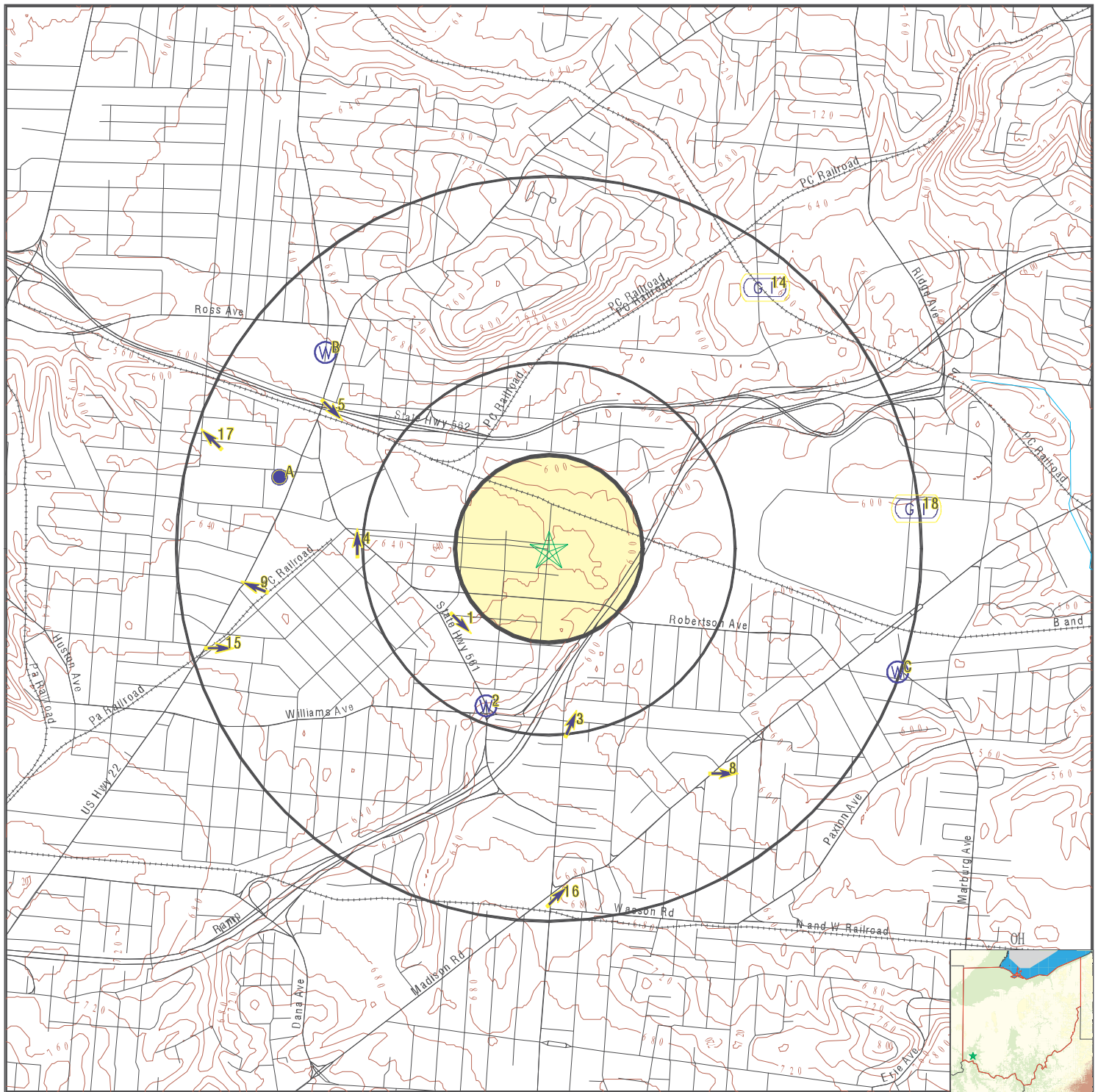
<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
A7	OH0933212	1/2 - 1 Mile WNW

Note: PWS System location is not always the same as well location.

STATE DATABASE WELL INFORMATION

<u>MAP ID</u>	<u>WELL ID</u>	<u>LOCATION FROM TP</u>
2	OHD500000808587	1/4 - 1/2 Mile SSW
A6	OHWT300000000075	1/2 - 1 Mile WNW
B10	OHD500000808533	1/2 - 1 Mile NW
B11	OHD500000808534	1/2 - 1 Mile NW
B12	OHD500000791625	1/2 - 1 Mile NW
B13	OHD500000803519	1/2 - 1 Mile NW
C19	OHD500000790806	1/2 - 1 Mile ESE
C20	OHD500000790160	1/2 - 1 Mile ESE
C21	OHD500000790809	1/2 - 1 Mile ESE
C22	OHD500000790807	1/2 - 1 Mile ESE

PHYSICAL SETTING SOURCE MAP - 3803389.1s



- County Boundary
- Major Roads
- Contour Lines
- Earthquake epicenter, Richter 5 or greater
- Water Wells
- Public Water Supply Wells
- Cluster of Multiple Icons

- Groundwater Flow Direction
- Indeterminate Groundwater Flow at Location
- Groundwater Flow Varies at Location

0 1/4 1/2 1 Miles



SITE NAME: 4590 Beech Street
 ADDRESS: 4590 Beech Street
 Norwood OH 45212
 LAT/LONG: 39.1589 / 84.4429

CLIENT: Cody Ehlers Group
 CONTACT: Mary Glista
 INQUIRY #: 3803389.1s
 DATE: December 05, 2013 2:31 pm

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

1
SW
1/4 - 1/2 Mile
Higher

Site ID: 3150797-00
Groundwater Flow: SE
Shallow Water Depth: 4.65
Deep Water Depth: 6.51
Average Water Depth: Not Reported
Date: 12/1996

AQUIFLOW 16232

2
SSW
1/4 - 1/2 Mile
Lower

OH WELLS OHD500000808587

Well log n:	2022106		
Well type :	W		
End user i:	4188		
Cnty code:	61	Twp code:	665
Orig owner:	Not Reported	Orig own 1:	SHELL OIL CO
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	CLA
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	2564		
St name:	WILLIAMS	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	NORWOOD	State code:	OH
Zip:	45207		
Well Loc Desc:	LOCATED DUE EAST OF SOUTHERN SIDE OF EXISTING STATION NEAR GRASSY ISLAND LANDSCAPE AREA APPROX 15' FROM SIDEWALK.		
Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.15279		
Longitude:	-84.44604		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	29.3		
S water me:	G	S water 1:	03/24/2009
Cas ht:	0		
Screen len:	10		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	35		
Date of co:	03/24/2009	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	OK, SLOW MOVING, TIGHT AQUIFIER.		
Well seal :	0		
Screen slo:	.01		
Screened i:	35		
Screened 1:	25		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000808587		

3 South 1/4 - 1/2 Mile Higher	Site ID:	3122048-02		
	Groundwater Flow:	NNE	AQUIFLOW	15396
	Shallow Water Depth:	38.15		
	Deep Water Depth:	40.47		
	Average Water Depth:	Not Reported		
	Date:	7/1992		

4 West 1/2 - 1 Mile Higher	Site ID:	3110774-00		
	Groundwater Flow:	N	AQUIFLOW	16154
	Shallow Water Depth:	7.0		
	Deep Water Depth:	12.0		
	Average Water Depth:	Not Reported		
	Date:	9/1991		

5 WNW 1/2 - 1 Mile Higher	Site ID:	3140778-01		
	Groundwater Flow:	SE	AQUIFLOW	15174
	Shallow Water Depth:	6.68		
	Deep Water Depth:	23.14		
	Average Water Depth:	Not Reported		
	Date:	5/1995		

A6 WNW 1/2 - 1 Mile Higher			OH WELLS	OHWT30000000075
---	--	--	-----------------	------------------------

County:	HAMILTON	Pwsid:	OH3101703
Wtp num:	3733	Wtp name:	NORWOOD VILLAGE OF
Tp avail:	PERMANENT	Wtr type:	surface water
Wtpdsn cap:	0		
Notreat in:	Not Reported	Wtr body n:	Not Reported
Wtp status:	Active	Sys status:	Active
Sys name:	NORWOOD CITY PWS	Sys type:	Community
Src type:	purchased surface water	First name:	HEALTH
Last name:	COMMISSIONER	Title:	Not Reported
Address1:	HEALTH COMMISSIONER		
Address2:	2059 SHERMAN AVE.		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

City:	NORWOOD	State:	OH
Zip:	45212	Phone:	513-458-4600
Emg phone:	513-378-8027		
Latitude:	39.161667		
Longitude:	-84.456111		
Accuracy:	1		
LI colmeth:	INTERPOLATION - MAP		
Hdatum:	NAD 27		
Verify met:	VERIFIED, UNKNOWN METHOD		
Site id:	OHWT30000000075		

A7
WNW
1/2 - 1 Mile
Higher

FRDS PWS OH0933212

PWS ID:	OH0933212	
Date Initiated:	Not Reported	Date Deactivated: Not Reported
PWS Name:	ROADSIDE TAVERN MANAGER 10024 CINCINNATI-DAYTON ROAD CINCINNATI, OH 45241	

Addressee / Facility: Not Reported

Facility Latitude:	39 09 42	Facility Longitude:	084 27 24
City Served:	Not Reported		
Treatment Class:	Treated	Population:	00000075

Violations information not reported.

8
SE
1/2 - 1 Mile
Lower

Site ID:	3130855-00
Groundwater Flow:	E
Shallow Water Depth:	18.54
Deep Water Depth:	19.83
Average Water Depth:	Not Reported
Date:	5/1994

AQUIFLOW 16280

9
West
1/2 - 1 Mile
Higher

Site ID:	3150098-00
Groundwater Flow:	WNW
Shallow Water Depth:	5.39
Deep Water Depth:	6.77
Average Water Depth:	Not Reported
Date:	11/1996

AQUIFLOW 16235

B10
NW
1/2 - 1 Mile
Higher

OH WELLS OHD500000808533

Well log n:	2021025		
Well type :	W		
End user i:	1478		
Cnty code:	61	Twp code:	665
Orig owner:	Not Reported	Orig own 1:	NEYER CONSTRUCTION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	HDP
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	003027
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	CARTHAGE	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	CINCINNATI	State code:	OH
Zip:	45212		
Well Loc Desc:	THE SITE IS 0.1 MILES S OF ROSS AVE AND IS ON THE N SIDE OF NORWOOD AVE.		
Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.166542		
Longitude:	-84.454064		
Source of :	MAP-USGS 1:2400	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	0		
S water me:	G	S water 1:	Not Reported
Cas ht:	0		
Screen len:	10		
Total dept:	16		
Date of co:	02/04/2009	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	USED 4 1/4 HSA TO STRAIGHT DRILL TO 16' TO REPLACE A DESTROYED WELL. THEN SET WELL INSIDE AUGERS(SCREENED FROM 6'-16'/WITH SAND PACK TO 4'). THEN PULLED THE AUGERS AND GROUTED THE WELL FROM 4'-1', AND FILLED THE REST UP WITH CONCRETE AND A 8"X12" MANHOLE		
Well seal :	0		
Screen slo:	.01		
Screened i:	6		
Screened 1:	16		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000808533		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

B11
NW
1/2 - 1 Mile
Higher

OH WELLS OHD500000808534

Well log n:	2021026		
Well type :	W		
End user i:	1478		
Cnty code:	61	Twp code:	665
Orig owner:	Not Reported	Orig own 1:	NEYER CONSTRUCTION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SSG
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	003027
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	CARTHAGE	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	CINCINNATI	State code:	OH
Zip:	45212		

Well Loc Desc: SITE IS 0.1 MILES S OF ROSS AVE, AND ON THE N SIDE OF NORWOOD AVE.

Zone code: Not Reported
 Horiz x: 0
 Horiz y: 0
 Horiz datu: NAD83
 Horiz acc : 0
 Horiz acc1: 0
 Horiz ac 1: Not Reported
 Vert loc: 0
 Vert acc: 0
 Vert acc u: Not Reported
 Latitude: 39.166542
 Longitude: -84.454064
 Source of : MAP-USGS 1:2400
 Test rate: 0
 Draw down: 0
 S water le: 29
 S water me: G
 Cas ht: 0
 Screen len: 10
 Total dept: 32.5
 Date of co: 02/04/2009
 Assoc rpt : N
 Depth to b: 0
 Drill year: Not Reported

Flowing we: N
 S water 1: Not Reported
 Located in: Not Reported

Comments: USED 4 1/4 HSA TO STRAIGHT DRILL TO 32.5' TO REPLACE A DESTROYED WELL. THEN SET WELL IN AUGERS(SCREENED FROM 22.5'-32.5'/WITH SAND PACK UP TO 20.5'). THEN PULLED AUGERS AND GROUTED WELL FROM 20.5'-1', AND FILLED THE REST UP WITH CONCRETE AND A 8"X12" MA

Well seal : 0
 Screen slo: .01
 Screened i: 22.5
 Screened 1: 32.5

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000808534		

**B12
NW
1/2 - 1 Mile
Higher**

OH WELLS OHD500000791625

Well log n:	2025527		
Well type :	W		
End user i:	1478		
Cnty code:	61	Twp code:	665
Orig owner:	Not Reported	Orig own 1:	LINDEN-POINT
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SGR
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	003027
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	5025		
St name:	CARTHAGE	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	NORWOOD	State code:	OH
Zip:	45212		
Well Loc Desc:	0.1 MILES W OF JOSEPH E SANKER BLVD AND MONTGOMERY RD INTERSECTION. SITE IS ON THE N SIDE OF JOSEPH E SANKER BLVD.		
Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.166542		
Longitude:	-84.454064		
Source of :	GLOBAL POSITION SYSTEM	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	28		
S water me:	G	S water 1:	Not Reported
Cas ht:	0		
Screen len:	5		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Total dept:	30		
Date of co:	10/27/2009	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	USED 4 1/4 HSA TO DRILL AND SAMPLE TO DESIGNATED DEPTH AND SET A 2" WELL. WELL WAS SCREENED FROM 25'-30' WITH THE SAND PACK UP TO 23'. THEN BROUGHT BENTONITE UP TO 1', AND FILLED THE REST UP WITH CONCRETE AND AN 8"X12" FLUSH MOUNT. MW-8		
Well seal :	0		
Screen slo:	.01		
Screened i:	25		
Screened 1:	30		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000791625		

**B13
NW
1/2 - 1 Mile
Higher**

OH WELLS OHD500000803519

Well log n:	2021027		
Well type :	W		
End user i:	1478		
Cnty code:	61	Twp code:	665
Orig owner:	Not Reported	Orig own 1:	NEYER CONSTRUCTION
Drill type:	A	Test type :	Not Reported
Well use c:	M	Aquifer ty:	HDP
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	003027
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	0		
St name:	CARTHAGE	St type co:	AVE
Sec add:	Not Reported		
Sec add no:	0		
City:	CINCINNATI	State code:	OH
Zip:	45212		
Well Loc Desc:	THE SITE IS 0.1 MILES S OF ROSS AVE, AND ON THE N SIDE OF NORWOOD AVE.		
Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	39.166542		
Longitude:	-84.454064		
Source of :	MAP-USGS 1:2400	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	0		
S water me:	G	S water 1:	Not Reported
Cas ht:	0		
Screen len:	10		
Total dept:	45		
Date of co:	02/04/2009	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	USED 4 1/4 HSA TO STRAIGHT DRILL TO 45' TO REPLACE A DESTROYED WELL. THEN SET A WELL IN AUGERS(SCREENED FROM 35'-45'/WITH SAND PACK TO 33'). THEN PULLED AUGERS AND AND GROUTED WELL FROM 33'-1', AND FILLED THE REST UP WITH CONCRETE AND 8"X12" MANHOLE COVE		
Well seal :	0		
Screen slo:	.01		
Screened i:	35		
Screened 1:	45		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000803519		

14 NE 1/2 - 1 Mile Lower	Site ID: 3101065-00 Groundwater Flow: NOT REPORTED Shallow Water Depth: 4.5 Deep Water Depth: 10.0 Average Water Depth: Not Reported Date: 8/1990	AQUIFLOW	13839
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15 WSW 1/2 - 1 Mile Higher	Site ID: 3141686-00 Groundwater Flow: E Shallow Water Depth: 9.82 Deep Water Depth: 13.14 Average Water Depth: Not Reported Date: 4/1995	AQUIFLOW	16238
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16 South 1/2 - 1 Mile Higher	Site ID: 3101042-00 Groundwater Flow: NE Shallow Water Depth: Not Reported Deep Water Depth: Not Reported Average Water Depth: 22.95 Date: 4/1994	AQUIFLOW	13632
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

17 WNW 1/2 - 1 Mile Higher	Site ID: 3160237-00 Groundwater Flow: NW Shallow Water Depth: 15.50 Deep Water Depth: 17.33 Average Water Depth: Not Reported Date: 9/1996	AQUIFLOW 16236
---	---	------------------------------

18 East 1/2 - 1 Mile Lower	Site ID: 3191125-00 Groundwater Flow: Not Reported Shallow Water Depth: 3.69 Deep Water Depth: 30.87 Average Water Depth: Not Reported Date: 7/1990	AQUIFLOW 15196
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C19 ESE 1/2 - 1 Mile Lower		OH WELLS OHD500000790806
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Well log n: 2021558 Well type : W End user i: 1478 Cnty code: 61 Orig owner: Not Reported Drill type: GE Well use c: M Loc map ye: Not Reported Loc no: 0 Sub name: Not Reported Sub no: Not Reported Sec owner : Not Reported Sect no: 0 St dir cod: Not Reported St no: 3250 St name: BROTHERTON Sec add: Not Reported Sec add no: 0 City: CINCINNATI Zip: 45209 Well Loc Desc: SITE IS LOCATED ON THE NW CORNER OF BROTHERTON ROAD AND MARBURG ROAD Zone code: Not Reported Horiz x: 0 Horiz y: 0 Horiz datu: NAD83 Horiz acc : 0 Horiz acc1: 0 Horiz ac 1: Not Reported Vert loc: 0 Vert acc: 0	Twp code: 665 Orig own 1: SUNOCO, INC. Test type : Not Reported Aquifer ty: GST Loc area: Not Reported Sub map ye: Not Reported Permit no: Not Reported Lot no: Not Reported St type co: RD State code: OH
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GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Vert acc u:	Not Reported		
Latitude:	39.154106		
Longitude:	-84.425464		
Source of :	MAP-USGS 1:2400	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	16		
S water me:	G	S water 1:	Not Reported
Cas ht:	0		
Screen len:	10		
Total dept:	22		
Date of co:	02/26/2009	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	USED 4.25" HSA TO DRILL AND SAMPLE DOWN TO 22". SET A 2" WELL(SCREENED FROM 12-22'/SAND PACK TO 10'. AUGERS WERE PULLED AND GROUTED FROM 10-1'. REMAINING 1' WAS FINISHED OFF WITH CONCRETE AND A FLUSHMOUNT MANHOLE COVER. (AME-6)		
Well seal :	0		
Screen slo:	.01		
Screened i:	22		
Screened 1:	12		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000790806		

C20
ESE
1/2 - 1 Mile
Lower

OH WELLS OHD500000790160

Well log n:	2021556		
Well type :	W		
End user i:	1478		
Cnty code:	61	Twp code:	665
Orig owner:	Not Reported	Orig own 1:	SUNOCO, INC.
Drill type:	GE	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SND
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	3250		
St name:	BROTHERTON	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CINCINNATI	State code:	OH
Zip:	45209		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Well Loc Desc:	SITE IS ON THE NW CORNER OF BROTHERTON ROAD AND MARBURG ROAD.		
Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.154106		
Longitude:	-84.425464		
Source of :	MAP-USGS 1:2400	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	16.1		
S water me:	G	S water 1:	Not Reported
Cas ht:	0		
Screen len:	10		
Total dept:	22		
Date of co:	02/26/2009	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	USED 4.25" HSA TO DRILL AND SAMPLE DOWN TO 22'. SET A 2" WELL(SCREENED FROM 12'-22'/SAND PACK TO 10'). FOLLOWING SAND PACK AUGERS WERE PULLED AND THE HOLE WAS GROUTED TO 1'. REMAINING 1' WAS FINISHED WITH CONCRETE AND A MANHOLE COVER.		
Well seal :	0		
Screen slo:	.01		
Screened i:	12		
Screened 1:	22		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000790160		

**C21
ESE
1/2 - 1 Mile
Lower**

OH WELLS OHD500000790809

Well log n:	2021561		
Well type :	W		
End user i:	1478		
Cnty code:	61	Twp code:	665
Orig owner:	Not Reported	Orig own 1:	SUNOCO, INC.
Drill type:	GE	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SLT
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	3250		
St name:	BROTHERTON	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CINCINNATI	State code:	OH
Zip:	45209		
Well Loc Desc:	SITE IS LOCATED ON THE NW CORNER OF BROTHERTON ROAD AND MARBURG ROAD.		
Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.154106		
Longitude:	-84.425464		
Source of :	MAP-USGS 1:2400	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	16		
S water me:	G	S water 1:	Not Reported
Cas ht:	0		
Screen len:	10		
Total dept:	22		
Date of co:	02/27/2009	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	USED 4.25" HSA TO DRILL AND SAMPLE TO 22'. INSTALLED 2' WELL SCREENED FROM 12-22'/SAND PACK TO 10'. GROUT PLACED FROM 1-10'. REMAINING FOOT FINISHED OFF WITH CONCRETE AND A FLUSHMOUNT MANHOLE COVER. (AME-8)		
Well seal :	0		
Screen slo:	.01		
Screened i:	22		
Screened 1:	12		
Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000790809		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Map ID
Direction
Distance
Elevation

Database EDR ID Number

C22
ESE
1/2 - 1 Mile
Lower

OH WELLS OHD500000790807

Well log n:	2021559		
Well type :	W		
End user i:	1478		
Cnty code:	61	Twp code:	665
Orig owner:	Not Reported	Orig own 1:	SUNOCO, INC
Drill type:	GE	Test type :	Not Reported
Well use c:	M	Aquifer ty:	SLT
Loc map ye:	Not Reported	Loc area:	Not Reported
Loc no:	0		
Sub name:	Not Reported	Sub map ye:	Not Reported
Sub no:	Not Reported	Permit no:	Not Reported
Sec owner :	Not Reported	Lot no:	Not Reported
Sect no:	0		
St dir cod:	Not Reported		
St no:	3250		
St name:	BROTHERTON	St type co:	RD
Sec add:	Not Reported		
Sec add no:	0		
City:	CINCINNATI	State code:	OH
Zip:	45209		
Well Loc Desc:	SITE IS LOCATED ON THE NW CORNER OF BROTHERTON ROAD AND MARBURG ROAD.		
Zone code:	Not Reported		
Horiz x:	0		
Horiz y:	0		
Horiz datu:	NAD83		
Horiz acc :	0		
Horiz acc1:	0		
Horiz ac 1:	Not Reported		
Vert loc:	0		
Vert acc:	0		
Vert acc u:	Not Reported		
Latitude:	39.154106		
Longitude:	-84.425464		
Source of :	MAP-USGS 1:2400	Flowing we:	N
Test rate:	0		
Draw down:	0		
S water le:	12		
S water me:	G	S water 1:	Not Reported
Cas ht:	0		
Screen len:	10		
Total dept:	18		
Date of co:	03/04/2009	Located in:	Not Reported
Assoc rpt :	N		
Depth to b:	0		
Drill year:	Not Reported		
Comments:	USED 4.25" HSA TO DRILL AND SAMPLE TO 20'. INSTALLED 2" WELL SCREENED FROM 8-18' SANDPACK TO 6'. GROUT FROM 6-1'. FINAL FOOT WAS FINISHED OFF WITH CONCRETE AND A FLUSHMOUNT MANHOLE COVER. (AME-7)		
Well seal :	0		
Screen slo:	.01		
Screened i:	18		
Screened 1:	8		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

Sustained :	0		
Attatch st:	Not Reported		
Screen dia:	2		
Screen typ:	MACHINE SLOTTED	Screen mat:	PVC
Pump type:	Not Reported		
Pump capac:	0		
Pump set a:	0		
Pitless ty:	Not Reported	Pump inst :	Not Reported
Elev sourc:	Not Reported		
Water leve:	0		
Well drill:	Not Reported	Subcon odh:	Not Reported
Site id:	OHD500000790807		

GEOCHECK® - PHYSICAL SETTING SOURCE MAP FINDINGS

RADON

AREA RADON INFORMATION

State Database: OH Radon

Radon Test Results

Zipcode	Num Tests	Maximum	Minimum	Arith Mean	Geo Mean
45212	77	9.2	0.1	1.97	1.24

Federal EPA Radon Zone for HAMILTON County: 1

Note: Zone 1 indoor average level > 4 pCi/L.
 : Zone 2 indoor average level >= 2 pCi/L and <= 4 pCi/L.
 : Zone 3 indoor average level < 2 pCi/L.

Federal Area Radon Information for Zip Code: 45212

Number of sites tested: 2

Area	Average Activity	% <4 pCi/L	% 4-20 pCi/L	% >20 pCi/L
Living Area - 1st Floor	Not Reported	Not Reported	Not Reported	Not Reported
Living Area - 2nd Floor	Not Reported	Not Reported	Not Reported	Not Reported
Basement	1.100 pCi/L	100%	0%	0%

PHYSICAL SETTING SOURCE RECORDS SEARCHED

TOPOGRAPHIC INFORMATION

USGS 7.5' Digital Elevation Model (DEM)

Source: United States Geologic Survey

EDR acquired the USGS 7.5' Digital Elevation Model in 2002 and updated it in 2006. The 7.5 minute DEM corresponds to the USGS 1:24,000- and 1:25,000-scale topographic quadrangle maps. The DEM provides elevation data with consistent elevation units and projection.

Scanned Digital USGS 7.5' Topographic Map (DRG)

Source: United States Geologic Survey

A digital raster graphic (DRG) is a scanned image of a U.S. Geological Survey topographic map. The map images are made by scanning published paper maps on high-resolution scanners. The raster image is georeferenced and fit to the Universal Transverse Mercator (UTM) projection.

HYDROLOGIC INFORMATION

Flood Zone Data: This data, available in select counties across the country, was obtained by EDR in 2003 & 2011 from the Federal Emergency Management Agency (FEMA). Data depicts 100-year and 500-year flood zones as defined by FEMA.

NWI: National Wetlands Inventory. This data, available in select counties across the country, was obtained by EDR in 2002 and 2005 from the U.S. Fish and Wildlife Service.

State Wetlands Data: Wetlands Inventory

Source: Department of Natural Resources

Telephone: 614-265-1044

HYDROGEOLOGIC INFORMATION

AQUIFLOW^R Information System

Source: EDR proprietary database of groundwater flow information

EDR has developed the AQUIFLOW Information System (AIS) to provide data on the general direction of groundwater flow at specific points. EDR has reviewed reports submitted to regulatory authorities at select sites and has extracted the date of the report, hydrogeologically determined groundwater flow direction and depth to water table information.

GEOLOGIC INFORMATION

Geologic Age and Rock Stratigraphic Unit

Source: P.G. Schruben, R.E. Arndt and W.J. Bawiec, Geology of the Conterminous U.S. at 1:2,500,000 Scale - A digital representation of the 1974 P.B. King and H.M. Beikman Map, USGS Digital Data Series DDS - 11 (1994).

STATSGO: State Soil Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services

The U.S. Department of Agriculture's (USDA) Natural Resources Conservation Service (NRCS) leads the national Conservation Soil Survey (NCSS) and is responsible for collecting, storing, maintaining and distributing soil survey information for privately owned lands in the United States. A soil map in a soil survey is a representation of soil patterns in a landscape. Soil maps for STATSGO are compiled by generalizing more detailed (SSURGO) soil survey maps.

SSURGO: Soil Survey Geographic Database

Source: Department of Agriculture, Natural Resources Conservation Services (NRCS)

Telephone: 800-672-5559

SSURGO is the most detailed level of mapping done by the Natural Resources Conservation Services, mapping scales generally range from 1:12,000 to 1:63,360. Field mapping methods using national standards are used to construct the soil maps in the Soil Survey Geographic (SSURGO) database. SSURGO digitizing duplicates the original soil survey maps. This level of mapping is designed for use by landowners, townships and county natural resource planning and management.

PHYSICAL SETTING SOURCE RECORDS SEARCHED

LOCAL / REGIONAL WATER AGENCY RECORDS

FEDERAL WATER WELLS

PWS: Public Water Systems

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Public Water System data from the Federal Reporting Data System. A PWS is any water system which provides water to at least 25 people for at least 60 days annually. PWSs provide water from wells, rivers and other sources.

PWS ENF: Public Water Systems Violation and Enforcement Data

Source: EPA/Office of Drinking Water

Telephone: 202-564-3750

Violation and Enforcement data for Public Water Systems from the Safe Drinking Water Information System (SDWIS) after August 1995. Prior to August 1995, the data came from the Federal Reporting Data System (FRDS).

USGS Water Wells: USGS National Water Inventory System (NWIS)

This database contains descriptive information on sites where the USGS collects or has collected data on surface water and/or groundwater. The groundwater data includes information on wells, springs, and other sources of groundwater.

STATE RECORDS

Public Water System Data

Source: Ohio Environmental Protection Agency

Telephone: 614-644-2752

The database includes community, transient noncommunity and nontransient noncommunity water wells; and source treatment unit locations.

Water Well Database

Source: Department of Natural Resources

Telephone: 614-265-6740

OTHER STATE DATABASE INFORMATION

RADON

State Database: OH Radon

Source: Department of Health

Telephone: 614-644-2727

Radon Statistics for Zip Code Areas

Area Radon Information

Source: USGS

Telephone: 703-356-4020

The National Radon Database has been developed by the U.S. Environmental Protection Agency (USEPA) and is a compilation of the EPA/State Residential Radon Survey and the National Residential Radon Survey. The study covers the years 1986 - 1992. Where necessary data has been supplemented by information collected at private sources such as universities and research institutions.

EPA Radon Zones

Source: EPA

Telephone: 703-356-4020

Sections 307 & 309 of IRAA directed EPA to list and identify areas of U.S. with the potential for elevated indoor radon levels.

OTHER

Airport Landing Facilities: Private and public use landing facilities

Source: Federal Aviation Administration, 800-457-6656

Epicenters: World earthquake epicenters, Richter 5 or greater

Source: Department of Commerce, National Oceanic and Atmospheric Administration

PHYSICAL SETTING SOURCE RECORDS SEARCHED

STREET AND ADDRESS INFORMATION

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**APPENDIX B
PHOTOGRAPHS**



View of the Property facing east.



Building 10



Transformers at Power House



View of the interior of the building.



Baghouses



Power House and Fire Reservoir



North side of Building 10



Mixing Tanks



Building Interior with Hard Wood Floors

APPENDIX C
FIELD REPORT AND PHOTO LOG

Field Report and Photo Log

U.S. Playing Card – Facility Review
Norwood, OH

C + RA Comm. No. 504026

April 26, 2004

FIELD REPORT

UNITED STATES PLAYING CARD
NORWOOD, OHIO

C+RA COMM. NO. 504026

DATE OF SITE VISIT: April 21, 2004 (Facility Review)
April 22, 2004 (Roof Review)

WEATHER CONDITIONS: Cloudy, light rain; 65°

SITE CONDITIONS: Accessible

PRESENT AT SITE: Kevin Baker, Cole + Russell Architects, Inc.
Todd Baxter, Cole + Russell Architects, Inc.
Rick Mowrey, Alltrista
Michael Hopkins, Alltrista
Arthur Thomas, US Playing Card Company
Rick Montgomery, US Playing Card Company
Steven Schaefer P.E., Steven Schaefer Associates
Doug Greene, Forshee Roofing

TRADES ON SITE: None noted

EQUIPMENT ON SITE: None noted

Review of US Playing card facility located at 4590 Beech Street, Norwood, Ohio. The facility consists of thirteen buildings; some interconnected with multi level walkway structures. The buildings that were investigated are Buildings 1 through 7, Bldg. 09, Bldg. 10 and Bldg. 17. Buildings 8,15, 18 are abandoned and were not part of this review or the roofing review.

Rick Montgomery & Michael Hopkins separated from the group during the morning of the 21 and did a review of the facility electrical distribution systems. Michael rejoined the group after lunch and completed the facility review with the rest of the group.

This report is divided into narratives of individual buildings exterior & interior and structural review with accompanying photographs. Separate sections containing the observation narrative of facility roofing conditions with accompanying photographs. Additional reports contracted and supplied by US Playing Card are attached in the last sections of this report.

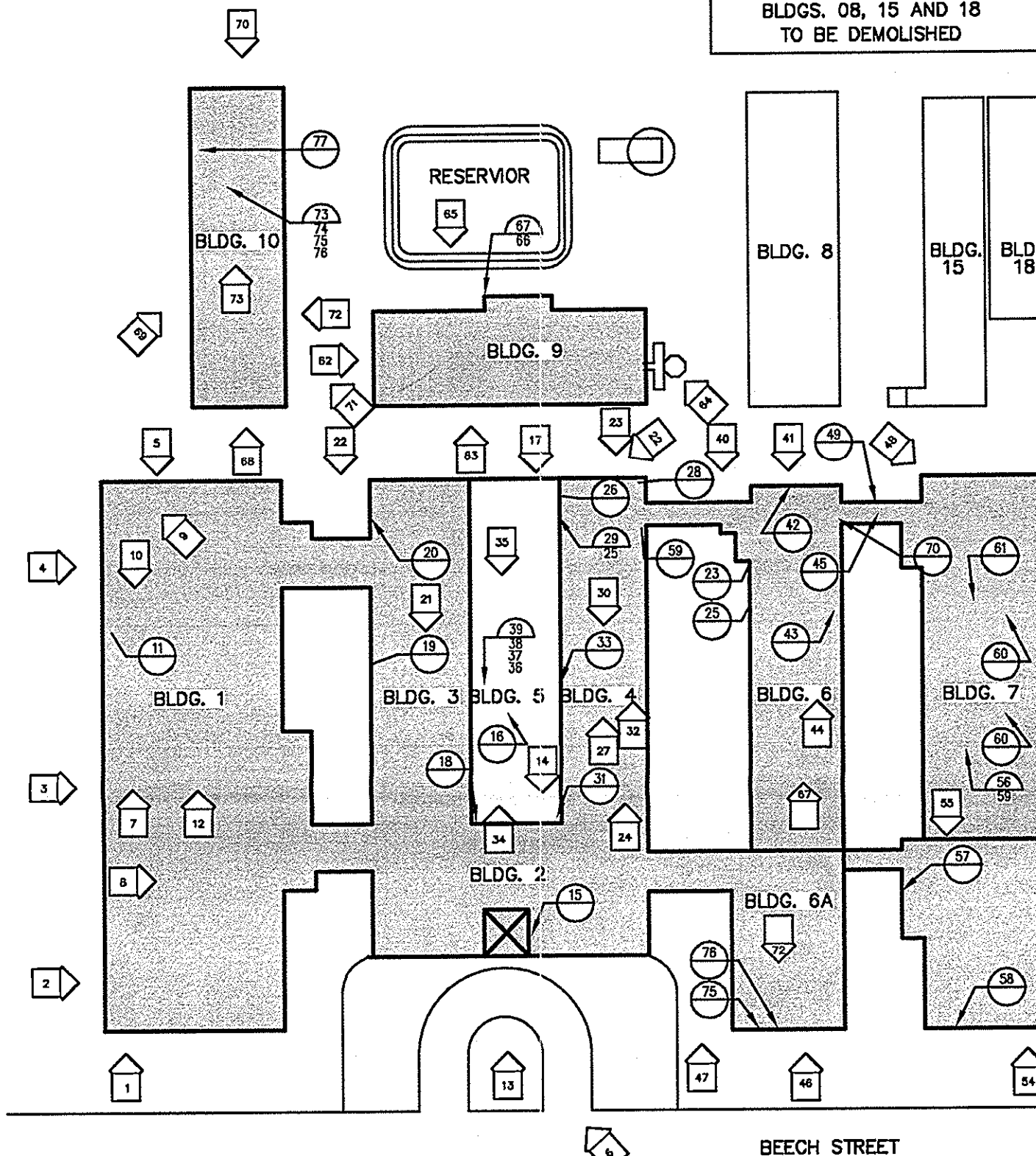
The observations took place over a two-day period starting April 21, 2004 for the general building & structural review and concluding on April 22, 2004 for the facility roofing review.

General facility review comments.

- Fire doors – Throughout the facility the outdated sliding type fire doors are used to section off portions of buildings and stair towers, Photo #31. Current building codes standards no longer allows these types of doors.
- Garden wall located at the west end of the facility along Beech Street needs minor masonry work. Copingstones need to be reset and cracks missing mortar in masonry should be tuck-pointed.
- Site pavement throughout the facility is in rough condition with numerous pot holes, cracks, and patches. These paved areas are in usable condition, however repairs should be planned for in future maintenance budgets.

BLDG. 17

BLDGS. 08, 15 AND 18
TO BE DEMOLISHED



Building 01 consists of a four story concrete structure with masonry exterior walls. The typical floor height for floors one through three is eleven feet six inches to bottom of floor above, The forth floor clear height varies from 15' +/- up to 25' +/- at the center clerestory section.

The buildings exterior generally appears to be in good condition for a structure built in the early 1900's (photos 1- 12). The majority of the masonry appears to be in sound condition for a structure of it age. Areas requiring masonry tuck-pointing were observed; the estimated area for this work is approximately 200 SF.

Windows appear to be single pane windows typically set in steel frames. Windows on the third and forth floors have been replaced in past renovations. Many of the existing metal window frames observed are deteriorating at their sills and a repair or replacement maintenance program should be considered.

The metal awning located on the East elevation shows signs of age, some corrugated roof panels should be replaced, however the structural frame overall appears to be in satisfactory shape. General cleaning and painting of the awning structure would extend it useful life.

The concrete loading/storage platform located on the east building elevation has areas of concrete slabs that are in need of repair, but the structure in general is in sound usable condition.

The typical floor construction consist of a structural concrete floor deck with wood block flooring 2 1/2"W x 4"L x 2"D nom. Most of the wood blocking with in the drive isles has been removed and replaced with 2" +/- concrete topping. During review it was observed that their are a limited areas through out the building in which the wood block floor will require repair as part of a general maintenance program.

Observation revealed that the majority of the building was protected with an Automatic Fire Protection Sprinkler System, however this report did not include review or testing on fire protection sprinkler systems.

Observation note, the perimeter wall were equipped with steam heat radiators, however this report did not include review or testing on steam heating system.

Additional comments are noted on attached photographs and in Roofing & Structural review section of this report.

Conclusion Building 01

No major architectural issues with in the building were noted during this observation review that would hinder continued use of this building. Window repair / replacement and limited flooring patching should be considered as building maintenance program.



Building 01—Photo #1: West Elevation (Front)



Building 01—Photo #2: North Elevation (West End)



Building 01—Photo #3: North Elevation (Center)



Building 01—Photo #4: North Elevation (East End)



Building 01—Photo #5: East Elevation



Photo #6: Partial of Building 01 and West Elevation of Building 02



Building 01—Photo #7: First floor



Building 01—Photo #8: First floor



Building 01—Photo #9: First floor, Boiler Room



Building 01—Photo #10: First floor

PHOTO LOG: USPC Property Inspection—Norwood, Ohio
April 26, 2004



Building 01—Photo #11: First floor, wood block flooring



Building 01—Photo #12: Fourth floor, Clerestory area

Building 02 consists of a four story concrete structure with masonry exterior walls. The typical floor height for floors one through four is twelve feet to bottom of floor above.

The buildings exterior generally appears to be in good condition for a structure built in the early 1900's (photos 13- 16). A four-story clock tower was added to the original building structure during the mid 1900's. The majority of the masonry appears to be in sound condition for a structure of its age. Observation revealed areas requiring masonry tuck pointing on the East and West building elevations. The estimated area for this work is approximately 300 SF. The clock tower masonry has areas where the masonry has bulged out of plan to its original location, this area shows past repairs that should be investigated and repaired by an experienced masonry restoration contractor. The other area of concern is the clock tower roof, evidence of broken roof tile was observed on the roof of building 02. The clock tower roof is located at the main entrance to the facility and is eight stories above the entrance. The proximity of the clock tower to the facility entrance does present possible liability issues of falling tile onto pedestrian accessing the facility; repair work for the clock tower roof should be a priority item.

Windows appear to be single pane windows typically set in wood frames. The sandstone accent bands and window lintels and sills are generally in good condition. Many of the existing wood window frames observed are deteriorating at their sills and a repair or replacement maintenance program should be considered to extend the usable life of the window.

The typical floor construction consists of a structural concrete floor deck. A finished wood plank floor was used on the first second & Third floors, the fourth floor has a concrete slab, this floor was used for card production.

Observation revealed that the majority of the building was protected with an Automatic Fire Protection Sprinkler System, however this report did not include review or testing on fire protection sprinkler systems.

Observation note, the perimeter wall were equipped with steam heat radiators, however this report did not include review or testing on steam heating system.

Additional comments are noted on attached photographs and in Roofing & Structural review section of this report.

Conclusion Building 02

No major architectural issues within the building were noted during this observation review that would hinder continued use of this building. Window repair / replacement should be considered as building maintenance program. Remedial work on the clock tower masonry & roof tile should be considered a priority.



Building 02—Photo #13: Southwest Elevation



Building 02—Photo #14: Connector East Elevation between Building 02 and Building 06A



Building 02—Photo #15: Clock Tower, Note Building Masonry



Building 02—Photo #16: Second floor, wood flooring

Building 03 is a of a four-story structure with masonry exterior walls, steel column structure supporting a steel girder, wood floor beam and wood plank floor. The floor is 2 1/2"x 4"+/- nom. plank decking laid at 45 Deg. to the beams. The exterior wall construction is masonry bearing walls. The typical floor height for floors one through four is twelve feet +/- to bottom of floor above.

The buildings exterior generally appears to be in good condition for a structure built in the early to mid 1900's (photos 17- 21). The majority of the masonry appears to be in sound condition for a structure of it age. Observation revealed areas requiring masonry tuck pointing on the South and East building elevations above building 05 (with-in courtyard between Bldg. 1 & 3 and Bldg. 4 & 6). The estimated area for this work is approximately 450 SF +/- . The interior brick on both the south walls of the ground floor, below the window is in need of tuck-pointing. The majority of the mortar in this area has deteriorated into a granular state that easily falls from between the masonry. Remediation work is not critical but should be scheduled within the next five years to maintain the buildings function.

A maintenance bridge extends from the East building wall on second floor too the second floor of building 09. This bridge is covered with corrugated sheet metal roof and wall panels that are rusted but in serviceable condition.

Windows appear to be single pane windows typically set in wood frames; some metal frames units are on the East elevation. The pre-cast concrete window lintels and sills on the South & East building elevation are generally in sound condition, some of the lintels have exposed reinforcing steel and spalled concrete, these will require repair work to prevent continued deterioration. Many of the existing wood window frames observed are deteriorating at their sills. These areas should be repaired and all remaining wood frames should be cleaned, damaged or missing glazing compound should be repaired / replaced and frames painted. A general maintenance program should be considered to extend the usable life of the windows.

Observation revealed that the majority of the building was protected with an Automatic Fire Protection Sprinkler System, however this report did not include review or testing on fire protection sprinkler systems.

Observation note, the perimeter wall were equipped with steam heat radiators, however this report did not include review or testing on steam heating system.

Additional comments are noted on attached photographs and in Roofing & Structural review section of this report.

Conclusion Building 03

No major architectural issues with in the building were noted during this observation review that would hinder continued use of this building. Window replacement should be considered as building maintenance program. Tuck pointing the masonry joints on the exterior & interior walls should be planned for in building maintenance program.



Building 03—Photo #17: East Elevation, Connector bridge to Building 09



Building 03—Photo #18: Window at junction of Building 02, tuck point masonry. Water damaged gutter boards.



Building 03—Photo #19; North inside wall interior. Deteriorating mortar joints.



Building 03—Photo #20: Roof deck, roof leak and damaged wood beam.



Building 03—Photo #21: Fourth floor

Building 04 is a of a four-story structure with masonry exterior walls, steel column structure supporting wood girder, wood floor beam and wood plank floor. The floor is 2 1/2"x 4"+/- nom. plank decking laid at 45 Deg. to the beams. The exterior wall construction is masonry bearing walls. The typical floor height for floors one through four is twelve feet +/- to bottom of floor above.

The buildings exterior generally appears to be in good condition for a structure built in the early to mid 1900's (photos 22- 33). The majority of the masonry appears to be in sound condition for a structure of it age. Observation revealed areas requiring masonry tuck pointing on the North, East and South building elevations (with-in courtyard between Bldg. 4 & 6). The estimated area for this work is approximately 550 SF +/- . The interior brick on both the south walls of the ground floor, below the window is in need of tuck-pointing. The majority of the mortar in this area has deteriorated into a granular state that easily falls from between the masonry. Remediation work is not critical but should be scheduled within the next five years to maintain the buildings function. The pre-cast concrete window lintels and sills on the North & East and South building elevation are generally in sound condition, some of the lintels have exposed reinforcing steel and sprawled concrete, these will require repair work to prevent continued deterioration.

Windows appear to be single pane windows typically set in wood frames; many of the existing wood window frames observed are deteriorating at their sills. These areas should be repaired and all remaining wood frames should be cleaned, damaged or missing glazing compound should be repaired / replaced and frames painted. A general maintenance program should be considered to extend the usable life of the windows.

The metal awning located on the East elevation shows signs of age, some corrugated roof panels should be replaced, however the structural frame overall appears to be in satisfactory shape. The awning gutter and down spouts have been damaged and should be repaired some of this damage may extend to the roofing panels. General cleaning and painting of the awning structure would extend it useful life.

The concrete loading/storage platform located on the east building elevation has areas of concrete slabs that are in need of repair, but the structure in general is in sound usable condition.

Observation revealed that the majority of the building was protected with an Automatic Fire Protection Sprinkler System, however this report did not include review or testing on fire protection sprinkler systems.

Observation note, the perimeter wall were equipped with steam heat radiators, however this report did not include review or testing on steam heating system.

Additional comments are noted on attached photographs and in Roofing & Structural review section of this report.

Conclusion Building 04

No major architectural issues with in the building were noted during this observation review that would hinder continued use of this building. Window replacement should be considered as building maintenance program. Tuck pointing the masonry joints on the exterior & interior walls should be planned for in building maintenance program.



Buildings 04 (Foreground), Building 05 (Dust Collectors), and Building 03 (Background) - Photo #22.



Building 04—Photo #23: East Elevation, damaged awning.



Buildings 04—Photo #24: Fourth floor



Building 04—Photo #25: Fourth floor roof deck, roofing tar dripping through deck boards.



Building 04—Photo #26: Fourth floor. Crack in masonry above window.



Building 04—Photo #27: Third floor, wood flooring.



Building 04—Photo #28: Southeast corner, water damaged masonry under window access to roof.



Building 04—Photo @29: Third floor, damaged masonry at arched door head.



Building 04—Photo #30.



Building 04—Photo #31: Typical fire door found throughout facility. Current Building Code Standards no longer allows this type of door.



Buildings 04—Photo #32: Second floor



Building 04—Photo #33: Ground floor. Deteriorated mortar joints in masonry wall, under windows.

Building 05 is a single story structure constructed between buildings 03 and 04. This building houses the dust collector units and the waste card bailer units. This building has steel truss roof structure with clerestory venting windows. The east building elevation is the only exterior wall and is in serviceable condition. The conditions of the masonry wall formed by the two adjacent buildings are in fair condition, however multiple roof leaks have lead to some deterioration of the masonry joints (photos 34-39).

The metal awning located on the East elevation shows signs of age, some corrugated roof panels should be replaced, however the structural frame overall appears to be in satisfactory shape.

The concrete loading/storage platform located on the east building elevation has areas of concrete slabs that are in need of repair, but the structure in general is in sound usable condition.

Observation revealed that the majority of the building was protected with an Automatic Fire Protection Sprinkler System, however this report did not include review or testing on fire protection sprinkler systems.

Observation note, the perimeter wall were equipped with steam heat radiators, however this report did not include review or testing on steam heating system.

Additional comments are noted on attached photographs and in Roofing & Structural review section of this report.

Conclusion Building 05

The most significant problem with this building is the condition of the roof: see roofing review for additional comments and recommendations. No architectural issues with in the building were noted during this observation review that would hinder continued use of this building. Tuck pointing the masonry joints on the exterior & interior walls should be planned for in building maintenance program.



Building 05—Photo #34: Roof



Building 05—Photo #35: Roof



Building 05—Photo #36: Steel Roof Truss



Building 05—Photo #37: Steel Roof Truss

Building 06 is a of a two-story structure with masonry exterior walls, Timber columns with cast iron base plates and connectors supporting wood girder carrying wood floor beam and wood plank floor. The floor is 2 1/2"x 4"+/- nom. plank decking laid perpendicular to the beams. The exterior wall construction is masonry bearing walls.

The buildings exterior generally appears to be in good condition for a structure built in the early to mid 1900's (photos 40- 49). The majority of the masonry appears to be in sound condition. Observation revealed areas requiring masonry tuck pointing on the North, East and South building elevations (with-in courtyard between Bldg. 4 & 6 and bldg. 6 & 7). The estimated area for this work is approximately 500 SF +/- . Observation noted that masonry of east wall at the second floor has bowed out and away from the buildings structural frame; measures were taken in the past to stabilize the masonry wall with the use of cables and shear blocks that tie back to an interior masonry wall, Photos (42-43). Many of the beams supporting the second floor have been reinforced with steel channels bolted to each side of the beam: presumably to stiffen the beam allowing it to carry the load for product storage, Photo 44.

Windows appear to be single pane windows typically set in wood frames; many of the existing wood window frames observed are deteriorating at their sills. These areas should be repaired and all remaining wood frames should be cleaned, damaged or missing glazing compound should be repaired / replaced and frames painted. A general maintenance program should be considered to extend the usable life of the windows.

The metal awning located on the East elevation shows signs of age, some corrugated roof panels should be replaced, however the structural frame overall appears to be in satisfactory shape.

The concrete loading/storage platform located on the east building elevation has areas of concrete slabs that are in need of repair, but the structure in general is in sound usable condition.

Observation revealed that the majority of the building was protected with an Automatic Fire Protection Sprinkler System, however this report did not include review or testing on fire protection sprinkler systems.

Observation note, the perimeter wall were equipped with steam heat radiators, however this report did not include review or testing on steam heating system.

The pre-cast concrete lintels/beam supporting the second floor of the connector building between buildings 04 & 06 has spawled concrete that has exposing the reinforcing steel. This condition should be fixed to prevent further deterioration of the concrete beam. Photo 48 and 49.

Additional comments are noted on attached photographs and in Roofing & Structural review section of this report.

Conclusion Building 06

No major architectural issues with in the building were noted during this observation review that would hinder continued use of this building. Window repair/replacement should be considered as building maintenance program. Tuck pointing the masonry joints on the exterior & interior walls should be planned for in building maintenance program.

Building 06A is a four-story structure with masonry exterior walls, concrete column structure supporting concrete floor slabs. The typical floor height for floors one through four is twelve feet +/- to bottom of floor above. Floors one through three had finished drop ceilings that prevented the review of the underside of these floor slabs.

The buildings exterior generally appears to be in good condition for a structure built in the early to mid 1900's (photos 45- 47). The majority of the masonry appears to be in sound condition for a structure of its age. Observation revealed areas requiring masonry tuck pointing on the East and South building elevations. The estimated area for this work is approximately 450 SF +/- . The pre-cast concrete window lintels and sills on the East and South building elevation are generally in sound condition, some of the lintels have exposed reinforcing steel and spalled concrete, these will require repair work to prevent continued deterioration.

Windows appear to be single pane windows typically set in steel frames; many of the existing steel window frames observed are deteriorating at their sills. These damaged window frames should be scheduled for replacement however it is not critical maintenance item. A general maintenance program outlining repairs and or replacement should be considered to extend the usable life of the windows and building.



Building 06 (Left) and Building 04 (Right) - Photo #40; Connector East Elevation, Exposed concrete beam, exposed reinforcing steel.



Building 06—Photo #41: East Elevation. Note metal awning at second floor steel channel thrust blocks. Holding masonry in place.



Building 06—Photo #42: Second floor. Cables through bolted steel channel thrust block on exterior wall. See previous photo. Cables are tied back to interior brick wall thrust block, see photo below.



Building 06—Photo #43: Second floor, interior wall thrust block.



Building 06—Photo #44: First floor. Existing wood beam reinforced with steel channel on each side.



Building 06A—Photo #45: Connector. Roof deck indicating water damage.



Building 06A—Photo #46: Southwest corner



Building 06A (Right) and Building 04 (Left) - Photo #47: West Elevations



Photo #48: Connector between Building 06 (Right) and Building 07 (Left) - East Elevation. Concrete beam supporting second floor has spawled concrete exposing reinforcing steel. See photo below.



Photo #49: Concrete beam supporting connector floor above.

Building 07 consists of a four-story section of building on the western third of the building and a single story section on the remaining eastern portion of the building. The entire building has a basement level with concrete walls and floor slab. The single story section has a floor to ceiling height that varies from 15' +/- to 25' +/- at center clerestory section.

The buildings exterior generally appears to be in good condition for a structure built in the early to mid 1900's (photos 50- 61). The majority of the masonry appears to be in sound condition for a structure of its age. Observation revealed areas requiring masonry tuck pointing on the East, South and North building elevations (within courtyard between Bldg. 6 & 7). The estimated area for this work is approximately 550 SF +/- . The pre-cast concrete window lintels and sills on the North & East and South building elevation are generally in sound condition, some of the lintels have exposed reinforcing steel and spalled concrete, these will require repair work to prevent continued deterioration.

Windows appear to be single pane windows with steel frames; many of the existing steel window frames observed are deteriorating at their sills. These areas should be repaired and all remaining steel frames should be cleaned, damaged or missing glazing compound should be repaired / replaced and frames painted. A general maintenance program should be considered to extend the usable life of the windows. A larger extent of damage was observed under the windows on the second & third floor west windows. These areas had finished plaster walls that are more susceptible to water infiltration, extensive repair would be required if these areas were to be used for other than storage.

The entire third floor of the western portion of the building was covered with a 4' x 8' sheets of particleboard; sub floor conditions were not visible for inspection.

Observation in the basement revealed no problems that raise long-term concerns. A 3' x 10' puddle of water was observed on the basement floor; on the south side of the building, west of the egress stairs, we were not able to determine the source of this water, however a plumbing waste stack was severely rusted and deteriorated at the junction with the floor slab.

Observation revealed that the majority of the building was protected with an Automatic Fire Protection Sprinkler System, however this report did not include review or testing on fire protection sprinkler systems.

Observation note, the perimeter wall were equipped with steam heat radiators, however this report did not include review or testing on steam heating system.

Additional comments are noted on attached photographs and in Roofing & Structural review section of this report.

Conclusion Building 07

No major architectural issues within the building were noted during this observation review that would hinder continued use of this building. Window replacement should be considered as building maintenance program. Tuck pointing the masonry joints on the exterior & interior walls should be planned for in building maintenance program. Repair of plaster walls under damaged windows would be required if these areas were to be used for other than storage.

Review of buildings 8, 15, 17, 18 was excluded from facility review. Per C+RA proposal and agreement with Rick Mowrey of Alltrista.



Building 07—Photo #50: East Elevation



Building 07—Photo #51: Southeast corner, Utility bridge over to Tenant south of USPC, bridge scheduled to be removed.



Building 07—Photo #52: South Elevation



Building 07—Photo #53: Southwest corner



Building 07—Photo #54: West Elevation



Building 07—Photo #55: Fourth floor



Building 07—Photo #56: Third floor



Building 07—Photo #57: Second floor



Building 07—Photo #58: Second floor



Building 07—Photo #59: Eastern half of building., single story with
Clerestory center section



Building 07—Photo #60: Water damaged roof deck at clerestory roof.



Building 07—Photo #61: Infill slab at abandoned elevator shaft.

Building 09 is a of a two-story structure with masonry exterior walls, steel column structure supporting steel girders with wood floor beam and wood plank floor. The exterior wall construction is masonry bearing walls. This building houses the DC electrical distribution on the North end of the building; the south half of the building contains the abandoned boiler facility. This area is posted as contaminated with hazardous asbestos dust; no extensive interior investigation was conducted. No interior review of the masonry chimney or the basement level was conducted.

The buildings exterior generally appears to be in sound condition for a structure built in the early to mid 1900's (photos 62- 67). The original flat roof structure and masonry parapet were removed during a 1940+/- renovation of the boiler plant area of this building. The flat roof was replaced with gable shaped (sloped roof) steel trusses system. The masonry used during this renovation is a slightly different color that the original masonry and is visible in attached photographs.

The majority of the masonry appears to be in sound condition for a structure of it age. Areas of masonry around windows on the West building elevation show evidence on being removed and replaced, reportedly during boiler installation. Observation revealed areas requiring masonry tuck pointing on all of the building elevations. The estimated area for this work is approximately 500 SF +/- . The window lintels and sills on the North & West and South building elevation are generally in sound condition.

Windows appear to be single pane windows typically set in steel frames; many of the existing steel window frames observed are deteriorating at their sills. These areas should be repaired and all remaining steel frames should be cleaned, damaged or missing glazing compound should be repaired / replaced and frames painted should this building remain part of the facility.



Building 09—Photo #62: North Elevation. Note later addition of gable roof trusses and masonry end gable.



Building 09—Photo #63: West Elevation. Connector bridge extending over drive to Building 03.



Building 09—Photo #64: South Elevation. Note framework on roof for abandoned coal lift.



Building 09—Photo #65: East Elevation



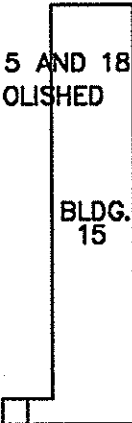
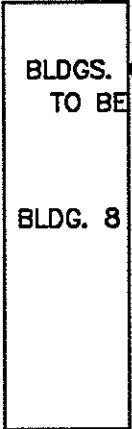
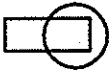
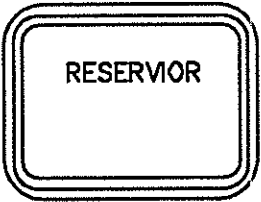
Building 09—Photo #66: East extension from main building. Damaged masonry.



Building 09—Photo #67: Window at single story extension, rusted window lintel and damaged masonry.

United States Playing Card facility roofing review

Doug Green of R.E. FORSHEE CO. performed a roof analysis of the U.S. Playing Card Facility, on April 22, 2004. His two-page report and accompanying photographs are attached.



BLDGS. 08, 15 AND 18
TO BE DEMOLISHED

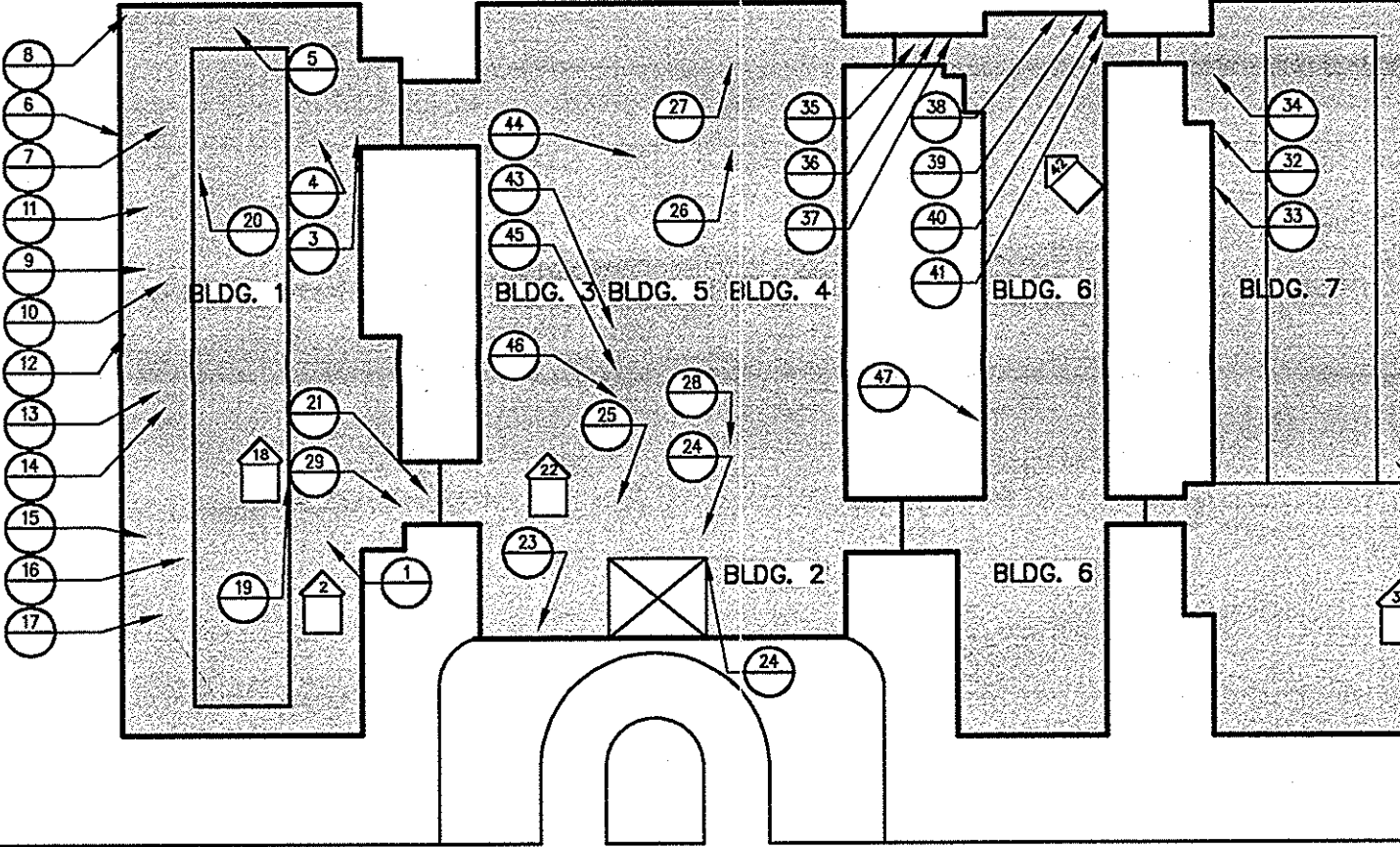
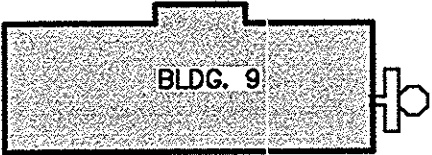


PHOTO LOG: USPC Property Inspection—Norwood, Ohio
April 26, 2004



Building 01—Roof Photo #1: Hole from abandoned roof top equipment. Patch and repair.



Building 01—Roof Photo #2



Building 01—Roof Photo #3: Observed deterioration of flashing at door sill. Recommend re-flashing.



Building 01—Roof Photo #4: Exposed fibers of roofing membrane. Recommend repair or replacement.



Building 01—Roof Photo #6: Observed deteriorating membrane flashing over brick parapet. Recommend repair brick and replace membrane flashing.



Building 01—Roof Photo #7: Splitting membrane and deterioration of roof tar. Repair or replace roofing.

April 23, 2004

Mr. Kevin Baker
Cole + Russell Architects, Inc.
537 E. Pete Rose Way, Suite 200
Cincinnati, Ohio 45202-3502

Re: U.S. Playing Card, Norwood, Ohio

On Thursday, April 22, 2004, I conducted a roof analysis at the above referenced project. Todd Baxter from your company and Rick Mowrey from Alltrista accompanied me. Overall the roof is in pretty good condition. Like any existing roof exposed to the elements there is some deterioration that needs to be addressed. These items are as follows:

Building #1;

- There are signs of felt deterioration around (16) roof drains.
- There are several areas of flashing deterioration below the stone coping at the 24" (+/-) high parapet walls.
- Approximately (10) areas of the roof have blisters (alligators) in the asphalt coating. Average size 12" x 12".
- The base flashing at all (4) inside corner offset areas are showing advanced stages of deterioration.
- The field of roof @ all (4) outside corners, approximate size 20' x 20', have excessive blistering/alligators, debris and vegetation present.
- The high walls @ all (4) corners are in need of re-flashing.
- Small metal access door to roof is in need of flashing repairs.
- Stone coping joints need to be cleaned out, primed and re-caulked. (Approximately 100 joints)
- Approximately (20) separate areas below the stone coping have excessive spalling and are in need of repair and re-flashing.
- Large pitch pans under unit, approximate size 1'-6" x 20' need to be topped off with pourable sealer to eliminate the standing water. (3" additional fill required on average)
- The roof top screen, which does not seem to have a purpose, should be removed from the roof.
- The high point ridges (typical @ 12) need to be overlaid with felt and mastic. The high points show signs of felt fatigue, it seems that the ridges are an expansion joint with movement at those locations.
- (10) Pipe penetrations supporting units above the roof need to have sleeves and rain collars installed.
- Exposed plywood at corner offset needs to be covered with sheet metal and flashed for a watertight condition.
- The ballasted EPDM clerestory roof needs to have the perimeter gravel-stop re-stripped with 9" flashing.
- The clerestory ballasted roof needs to have (8) existing drain tubes cleaned and screens replaced.

Connector roof between Bldg. #1 & Bldg. #3;

- The parapet needs to be coated on both sides.
- Clean minimal amount of vegetation from the field of roof to prevent membrane deterioration.
- The roof is generally in good conditions with no reported active leaks.

Building #3;

- General cleanup of the entire roof to remove excessive debris.
- Minimal blistering approximately (10) need to be cutout and repaired.
- Scrape, clean and re-flash parapet end caps.
- Roof generally in good shape with no reported active leaks.

Building #2;

- Scrape, clean and re-flash parapet end caps.
- Tuck-pointing and masonry repairs @ the "Clock Tower", by others, needs to be addressed.
- Clean, prime and coat the existing box gutter.
- Scrape, repair and re-flash (2) corners @ the box gutter.

Building #4;

- General cleanup of debris only required.
- Roof generally in good shape with no reported active leaks.

(Continued)

April 23, 2004

Re: U.S. Playing Card, Norwood, Ohio

Building #6A;

- Re-flash and coat the stone coping caps typical @ connector.
- Roof generally in good shape with no reported active roof leaks.
- Tuck-pointing and masonry repairs @ "Elevator Room", by others, needs to be addressed.

Building #7;

- Previous water damage below has been reported and documented.
- General cleanup of roof debris needed.
- Tuck-pointing and masonry repairs, by others, needs to be addressed.
- Clerestory roof appears to be in generally good shape.
- Clean and open (12) roof drains.
- Remove roof vegetation to prevent membrane deterioration.

Building #6;

- General repairs required @ both the parapet and copings.
- Repairs required @ masonry with mortar to fill and smooth the parapet wall prior to repairs.
- Clean, prime and re-caulk approximately (30) stone joints.
- Clean, prime, wedge, re-caulk and coat rusted counterflashing.
- Field of roof @ all (3) sections, generally in good shape.

Building #5;

- Reported numerous leaks below @ (12) roof drains.
- (3) Separate raised areas need to be torn-off, tapered insulation installed and fully adhered EPDM installed.
- Cutout approximately (10) areas with blisters and repair as needed.
- The field of the roof is generally in good condition.

Building #9;

- This roof was not inspected due to the slope of the shingled roof and the fact it was raining.
- The roof seemed to be in generally good shape with no reported active roof leaks.

This information is based on a general observation of roof conditions. There was nothing that was obvious, leading one to suspect any immediate roof failures. There are a number of issues that need to be addressed as outlined above.

Should any of the parties involved in this roof analysis wish to have a more thorough investigation and quotation for the noted repairs, this can be scheduled per roof or complete facility.

The time for this roof evaluation will be invoiced under separate cover. There would not be a charge for a repair/replacement quotation.

This should be sufficient information to address this matter, however should you require anything further, do not hesitate to contact the writer.

Respectfully;

Doug Greene
Maintenance Manager

PHOTO LOG: USPC Property Inspection—Norwood, Ohio
April 26, 2004



Building 01—Roof Photo #8: Observed deteriorated parapet flashing. Repair or replace required.



Building 01—Roof Photo #9: Observed deteriorated parapet flashing. Repair or replace required.



Building 01—Roof Photo #10: Abandoned and damaged equipment pad.



Building 01—Roof Photo #11: Exposed roof membrane.



Building 01—Roof Photo #12: Abandoned equipment mounting under cover.



Building 01—Roof Photo #13: Rotting wood structure. No flashing around base. See Photo #14. Structure could be removed.

PHOTO LOG: USPC Property Inspection—Norwood, Ohio
April 26, 2004



Building 01—Roof Photo #14: Abandoned wood structure. Recommend removal, patch/ repair roofing.



Building 01—Roof Photo #15; Cracked roofing membrane. Patch or replace.



Building 01—Roof Photo #16: Abandoned rooftop equipment stanton. Remove to below roofing. Patch roofing membrane.



Building 01—Roof Photo #17



Building 01—Roof Photo #18: Clerestory roof. Gravel ballast over single ply membrane roofing.



Building 01—Roof Photo #19

PHOTO LOG: USPC Property Inspection—Norwood, Ohio
April 26, 2004



Building 01—Roof Photo #20: Clerestory roof. Milflashing is deteriorated. Repair or replace.



Roof Photo #2: Connector between Building 01 and Building 03. No grate screen on roof drain.



Building 03—Roof Photo #22: Built up roofing, broken clay tile roofing. Presumably from clock tower roof. Clock tower roof was not accessible. Evidence missing the roofing was visible.



Building 02—Roof Photo #23: Roofing tar on stone coping, milflashing under stone.



Building 02—Roof Photo #24: Clock tower. Observed evidence that roofing tile has slipped from roof. Repair should be high priority, considering liability to visitors at main entrance.



Building 02—Roof Photo #25: Worn roof membrane at base of clock tower. Repair or replace.

PHOTO LOG: USPC Property Inspection—Norwood, Ohio
April 26, 2004



Building 04—Roof Photo #26: Gutter drain. Screen should be installed.



Building 04—Roof Photo #27: Gutter and gutter board. Required maintenance patching and painting. Note masonry beyond requires tuck pointing.



Building 04—Roof Photo #28: Evidence of movement in masonry at window head. Repair required to maintain masonry.



Roof Photo #29: Connector between Building 01 and 02. Observed evidence of movement and cracking of masonry. Repair is required.



Building 07—Roof Photo #30: Observed standing water on lower roof. Growth of moss indicates long term problem. Note broken glass in windows beyond.



Building 07—Roof Photo #31: Single story clerestory windows. Observed damaged gutter. Downspouts require repair. Debris should be removed from roof as part of yearly maintenance.

PHOTO LOG: USPC Property Inspection—Norwood, Ohio
April 26, 2004



Building 07—Roof Photo #32: Evidence of movement in masonry, possibly old opening bricked in. Repair sealant at lintel, tuck point masonry.



Building 06—Roof Photo #33: Water damaged masonry around downspout. Extensive tuck pointing required. Removal of plant within joints required.



Building 07—Roof Photo #34: Observed evidence of movement of masonry at parapet coping stone. Repair is required.



Connector between Building 04 and 06—Roof Photo #35: Observed damaged flashing at junction of parapet and roof. Repair required.



Connector between Building 04 and 06—Roof Photo #36: Observed parapet flashing damage. Repair required.



Connector between Building 04 and 06—Roof Photo #37: Observed damaged flashing on parapet. Repair required.

PHOTO LOG: USPC Property Inspection—Norwood, Ohio
April 26, 2004



Building 06—Roof Photo #38: Observed evidence of masonry movement and deterioration of concrete lintel of windows.



Building 06—Roof Photo #39: Observed existing roofing mastic patch at intersection of parapet. Replace patch. Tuck point masonry.



Building 06—Roof Photo #40



Building 06—Roof Photo #41: Tuck point masonry is required.



Building 05—Roof Photo #43: Observed multiple past roof repairs. Observation of underside of roof deck indicates past roofing leaks.



Building 05—Roof Photo #44: Observed multiple layers of roofing mastic. Recommend removal and replacement of old roof.

PHOTO LOG: USPC Property Inspection—Norwood, Ohio
April 26, 2004



Building 03—Roof Photo #45



Building 03—Roof Photo # 46



Building 10—Roof Photo #48: Observed ongoing roof leaks from inside of Building 10. Most notably around base of clerestory structure.



9171 Harrison Road P.O. Box 486 Miamitown, Ohio 45041-0486 (513) 353-1142
www.kramerroofing.com E-Mail: roofinfo@eos.net Fax (513) 353-1157

February 11, 2003

U.S. Playing Card Company
4590 Beech Street
Cincinnati, OH 45212-3497

Attention: Mr. Ken Miller

Subject: Roof Budget Plan

Dear Mr. Miller:

After recently investigating the roofs as well as test cutting all the roof areas, the following is a result of those investigations as well as recommendations for the specific roof areas.

1. Buildings #1 & #1-A (#1-A is the Raised Roof Surrounding Building #1)

Building #1 is a smooth surfaced built-up roof approximately 1 3/4" thick with slope built into the concrete deck and no insulation. Building #1-A is a concrete deck, smooth surfaced built-up over same and ballasted EPDM roof membrane.

Our recommendation would be to take specific sections of the roof area Building #1, make miscellaneous repairs to the field of the roof and the perimeter of the roof and then clean, prime and coat with a high quality aluminum coating the areas that are decided upon or that the budget suits.

Price for this work on a sq.ft. would be roughly \$3.50 to \$5.00/sq.ft., depending upon the amount of repairs required

When test cuts were taken, there was no evidence of moisture in the three areas that the test cuts were taken.

2. Building #2

Wood deck, 3/4" thick asphalt roofing with smooth surface.

This area again is in fairly decent shape except for some minor repairs that were made when we started working here. Similar processes should take place as noted in subject #1 above. Again, this work will be done on a sq.ft. price of \$3.50 to \$5.00/sq.ft. depending upon the repairs being done in the areas.



W.M. KRAMER & SON, INC.

3. Building #3

Wood deck, 3/4" thick fiberboard insulation with built-up asphalt gravel surface roof

This roof appears to be in decent shape except for some flashing repairs that need to be done to eliminate the moisture coming in around the curbs including parapet wall flashings. Also stripping out the gravelstop joints at the gutter and cleaning the debris off the roof. This work will be done on a not-to-exceed price of \$6,500.00 based upon a time & material rate.

4. Roof Area #4

Wood deck with 1 1/2" fiberboard insulation followed by a graveled surface built-up roof.

Again, similar situation as with Building #3 except there has been some repairs made to the southeast corner near the penthouse as well as up near the parapet wall due to some leakage.

Again, the same thing, parapet wall flashings, gutter joints, curb flashings. This work will be priced on a time & material basis not-to-exceed \$6,500.00.

5. Building #5:

Barren Room & Whse

This roof is a concrete deck with several layers of smooth surfaced built-up roof mopped to the concrete. When this test cut was taken, there was moisture present, however, the following is our recommendation for a high quality system to be installed with the high traffic and maintenance that is required on this roof as well as the high potential for abuse.

- A. Power wash the existing surface as required to clean away all debris, dirt and any loose roofing materials.
- B. Tear out roofing materials around the roof drains approximately 4'x4'.
- C. After the roof is dry from the power washing, apply high quality asphalt primer to the surface to assure proper bonding.
- D. Apply a new roof membrane utilizing the Performance Derbigum XPX triple laminated roofing system. This is the strongest modified membrane on the market today and we feel this is the best membrane for this area and operation



This will be applied in a bed of Permastic cold applied adhesive which will then bond to the top of the original roof with the primer being the activated agent.

- E. Apply a new base flashing consisting of the same material stuck either in adhesive or adhered by cement or torch applied depending upon the ability of the installer.

There will be a fire watch for 45 minutes after the last torching operation has been applied with an infra-red thermometer to detect any hot spots in the membrane. If any, they will be repaired as required. This is a very important step in the operation to assure successful completion.

- F. Properly flash all penetrations.

- G. Furnish a two-year contractor's warrant and a 10-year material manufacturer's warranty.

Price for the entire area below which is approximately 9,500 sq. ft. is \$103,614.00.

Due to the size of this contract and the limited area of problems, we would recommend that this work be done in areas that could be sectioned off. The price for this would be roughly \$12.00/sq. ft. for the completed areas.

6. Buildings #A & #B Connectors:

These roofs are relatively similar, low level asphalt smooth surface roofs over concrete decks needing minor repairs mainly at the parapets and at the flashings.

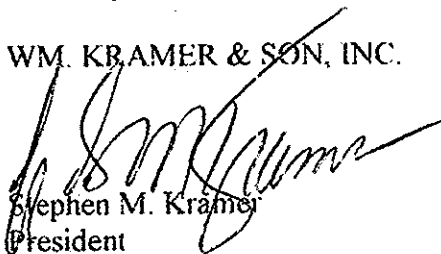
7. Rear Connecting Building Above #5 in between #3 & #4

Similar condition as subject #6 above with similar problems.

If you have any questions regarding the above proposal or conditions, please do not hesitate to contact me. Thank you.

Sincerely,

WM. KRAMER & SON, INC.


Stephen M. Kramer
President

SMK/rs



Thoroughbred Contractors, LLC

"A Breed Apart"

41 Pearce Industrial Road
Shelbyville, KY 40065

Phone: 502-647-1082

Fax: 502-647-1089

February 3, 2004

US Playing Cards
4590 Beech Street
Cincinnati, Ohio
Attn: Rick Montgomery

Structure
Location
Owner

"Storage Building"
Same
Same

We propose to furnish: Roof Removal And Replacement, Approximately 13,200 Square Feet

- 1) Provide Full Safety And Fall Protection Equipment For All Of The Field Personnel Who Will Be Working On The Building.
- 2) Remove The Existing Metal Roofing, Skylights, Vents, Various Obsolete Penetrations And Associated Debris And Discard.
- 3) Install New; Pre-Finished, 24 Gauge, "Fasten-Thru", R-Panel Roofing System.
- 4) Installation Will Include New Zap-Tec Fasteners To Match The Color Of The Panels.
- 5) Fabricate, Provide And Install New Sheet-Metal Trim To Match The New Roof Panels.
- 6) Installation Does Not Include New Gutters And Downspouts.
- 7) Provide A Two-Year, Contractors Watertight Warranty, And A Ten-Year Finish Warranty On The Roof Panels.

Total Investment to Include all Labor and Material.....\$59,876.00

Thoroughbred Contractors, LLC

Accepted:

Firm _____

By _____

Title _____

Date _____

Proposal #TB-0305 _____

PO# _____

By _____

Timothy C. Hershey
President/Owner



This proposal is good for a period of 60 days after which it may expire.



KRAMER & SON, INC.

9171 Harrison Road P.O. Box 486 Miamitown, Ohio 45041-0486 (513) 353-1142
www.kramerroofing.com E-Mail: roofinfo@eos.net Fax (513) 353-1157

February 16, 2004

U.S. Playing Card Company
4590 Beech Street
Cincinnati, OH 45212-3497

Attention: Mr. Rick Montgomery

Subject: Metal Storage Building

Dear Mr. Montgomery:

After several discussions with different manufacturers, we have come up with two alternatives for the metal building roof problem.

Alternate #1

1. Remove existing skylight and existing ridge vents and dispose of off site.
2. Remove existing metal roofing and dispose of off site.
3. Install a new MR-24 utilizing galvalume 24" wide standing seam panels with necessary ridge closures, flashings, eave flashings and rake flashings as required.
4. Furnish a 10-year manufacturer's finish warranty and a five-year contractor's watertight warranty.

Price for this work is \$69,079.00.

Alternate #2

1. Over the existing metal, install hat sections securely anchored to the perkins with tech fasteners at 24" on center locations.
2. Install 1/2" exterior grade plywood with necessary anchors and clips. Installation to follow American Plywood Association's application.
3. Provide 15-lb. felt over the plywood.
4. Remove existing vents and skylights at the ridge.
5. Install a ridge vent continuous at the ridge.
6. Install a new drip edges and rake flashings.
7. Install a 25-year three-tab shingle.

Price for the above work is \$64,900.00.

RYAN CARPENTRY, INC.

2641 Cypress Way
Norwood, Ohio 45212
Phone (513) 631-2056
Fax (513) 631-2298



PROPOSAL

Page No. ____ of ____ Pages

PROJECT NAME/NO.

U.S. PLAYING CARD COMPANY

LOCATION

4590 BEECH ST.

NORWOOD, OHIO 45212

PHONE

396-5829

DATE

1/28/04

To: THE UNITED STATES PLAYING CARD COMPANY

4590 BEECH ST.

NORWOOD, OHIO 45212

Ryan Carpentry ("Contractor"), proposes to furnish the labor and materials required for the above Project in conformity with the drawings and specifications provided therefor, and as amended and modified, if applicable, for the sum of:

EIGHTY FOUR THOUSAND FOUR HUNDRED

(\$ 84,400.00)

The Price shall be paid as follows: NET 30

All material is guaranteed to be as specified. The work hereunder shall be completed in a workmanlike manner according in the standard construction industry practice. Any and all additions, changes, alterations, deviations from the drawings and specifications and/or extras desired for the Project, shall become an extra charge over and above the stated Price. This Proposal is conditioned upon the fact that Contractor shall not be responsible for delays due to acts of God, inclement weather, strikes, lockouts, accessibility to project, material shortages, lack of availability of utility services, fire, storm, theft, vandalism, or other causes beyond Contractor's control. All claims, disputes and other matters in question between owner and Contractor arising out of or relating to the work performed by Contractor and/or this Proposal, shall be decided by arbitration in accordance with the Construction Industry Arbitration Rules of the American Arbitration Association, which shall be binding. The respective parties shall each bear their own costs and expenses arising from or incurred as a result of said arbitration.

Authorized

Signature

Mike Ryan

Note: This Proposal may be withdrawn by Contractor if not accepted by owner, or at any time prior to acceptance by owner.

We hereby submit specifications and estimates for: NEW METAL ROOF FOR 51' X 223' METAL OIL BUILDING

SCOPE

- REMOVE (10) TURBINE ROOF VENTS.
- REMOVE (20) SKYLIGHTS.
- FRAME IN SKYLIGHT OPENINGS
- INSTALL TREATED 2" X 4" 2' O.C. ON EXISTING ROOF DECK FOR NEW ROOF PANELS.
- INSTALL NEW 29 GAUGE MOCHA TAN METAL RIB ROOF PANELS.
- INSTALL NEW MATCHING RAKE TRIM.
- INSTALL NEW RIDGE VENTS.
- DISPOSE OF A DEBRIS.

APPENDIX D
INVESTIGATION AND REMEDIATION REPORTS